

FIG. 1 is a perspective view of a mechanical assembly 30, showing a housing 32 with a top surface 34 and a bottom surface 36. The housing 32 includes a front face 38 and a rear face 40. A central opening 42 is provided in the top surface 34. A rectangular feature 46 is located on the front face 38. A circular feature 48 is positioned on the top surface 34. A rectangular feature 50 is located on the front face 38. A circular feature 52 is positioned on the top surface 34. A rectangular feature 54 is located on the front face 38. A circular feature 56 is positioned on the top surface 34. A rectangular feature 60 is located on the front face 38. A circular feature 62 is positioned on the top surface 34. A rectangular feature 64 is located on the front face 38. A circular feature 66 is positioned on the bottom surface 36. A rectangular feature 70 is located on the front face 38. A circular feature 76 is positioned on the bottom surface 36.

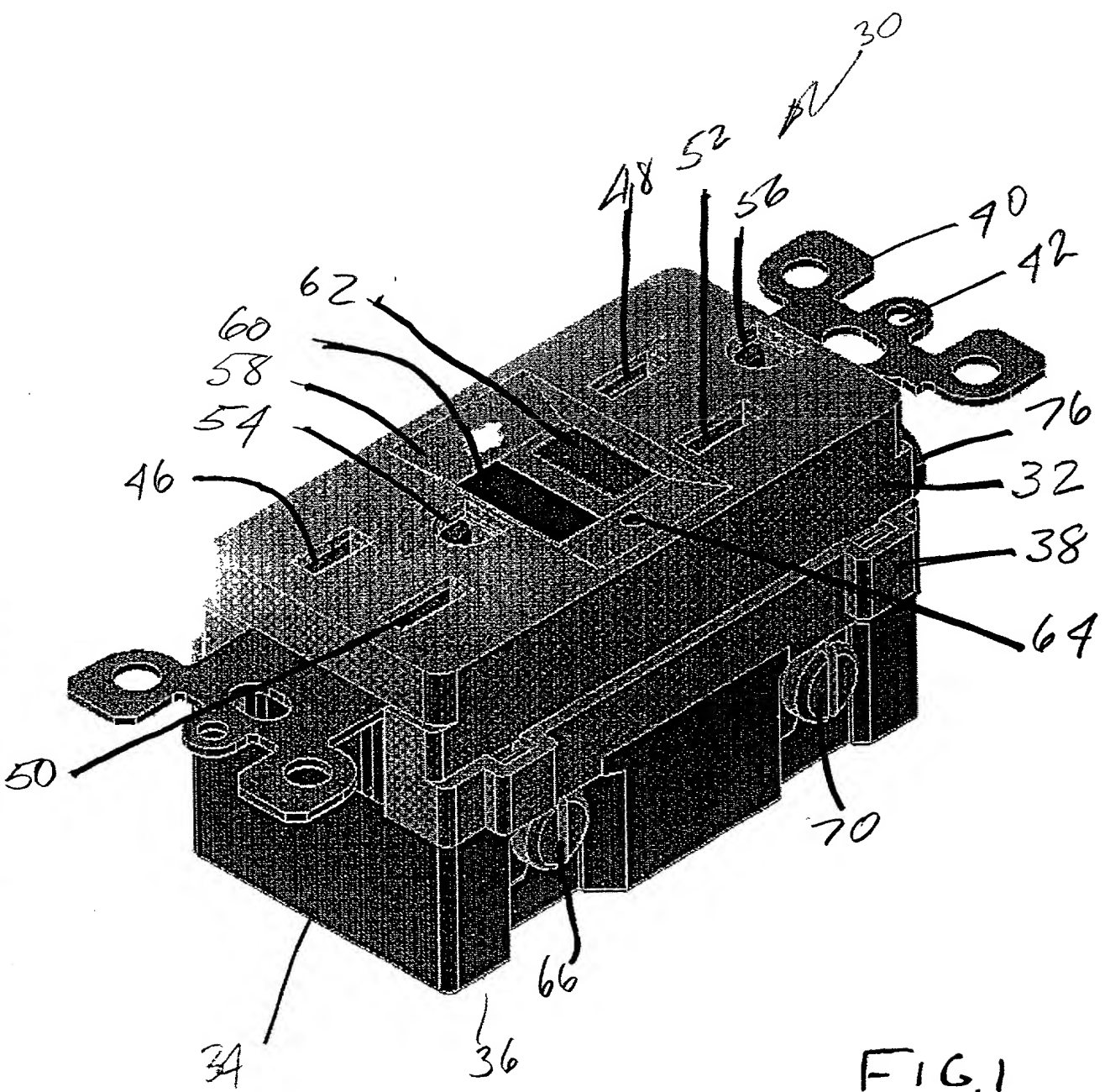


FIG. 1

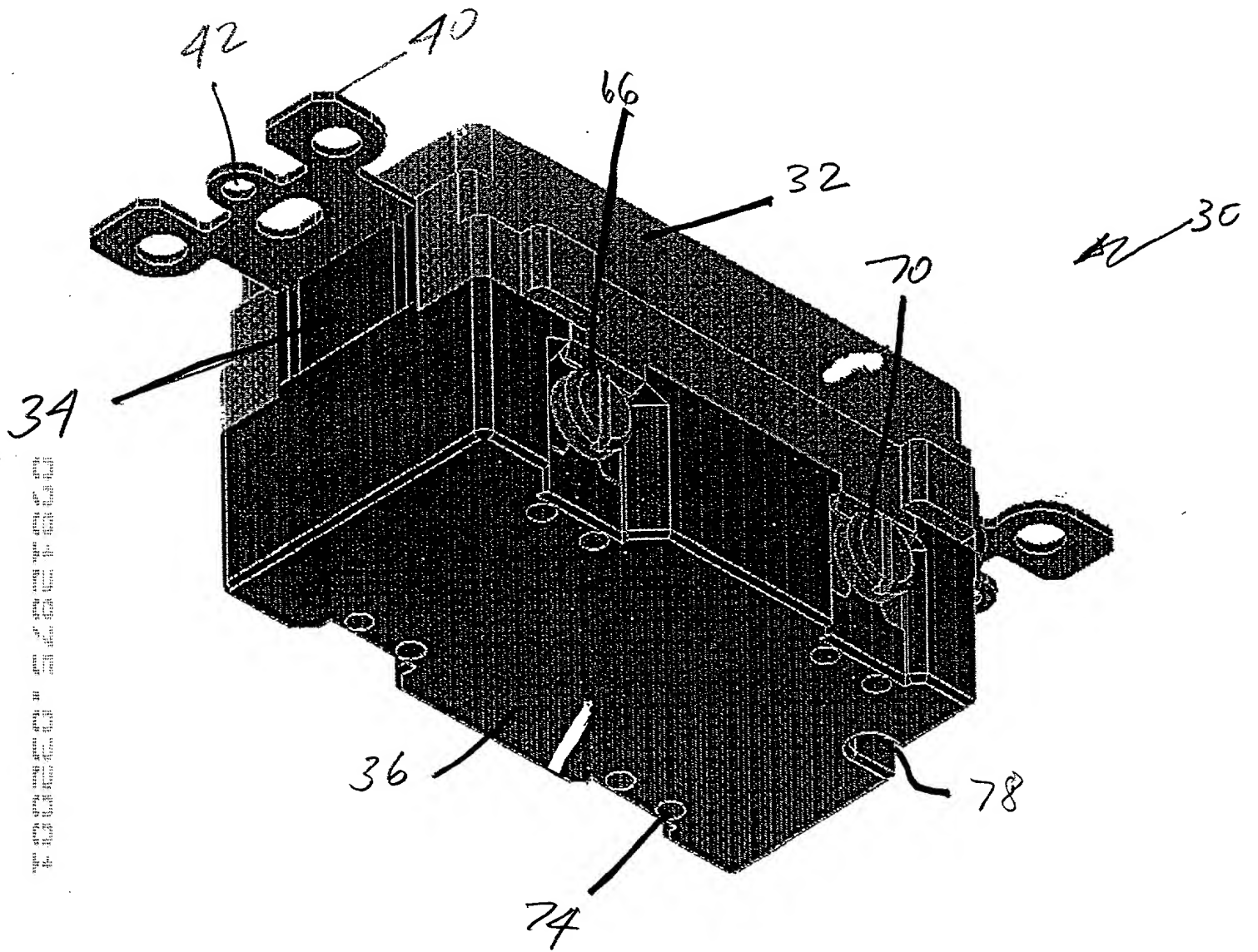


FIG. 2

FIG. 3 is a perspective view of the device in accordance with the present invention.

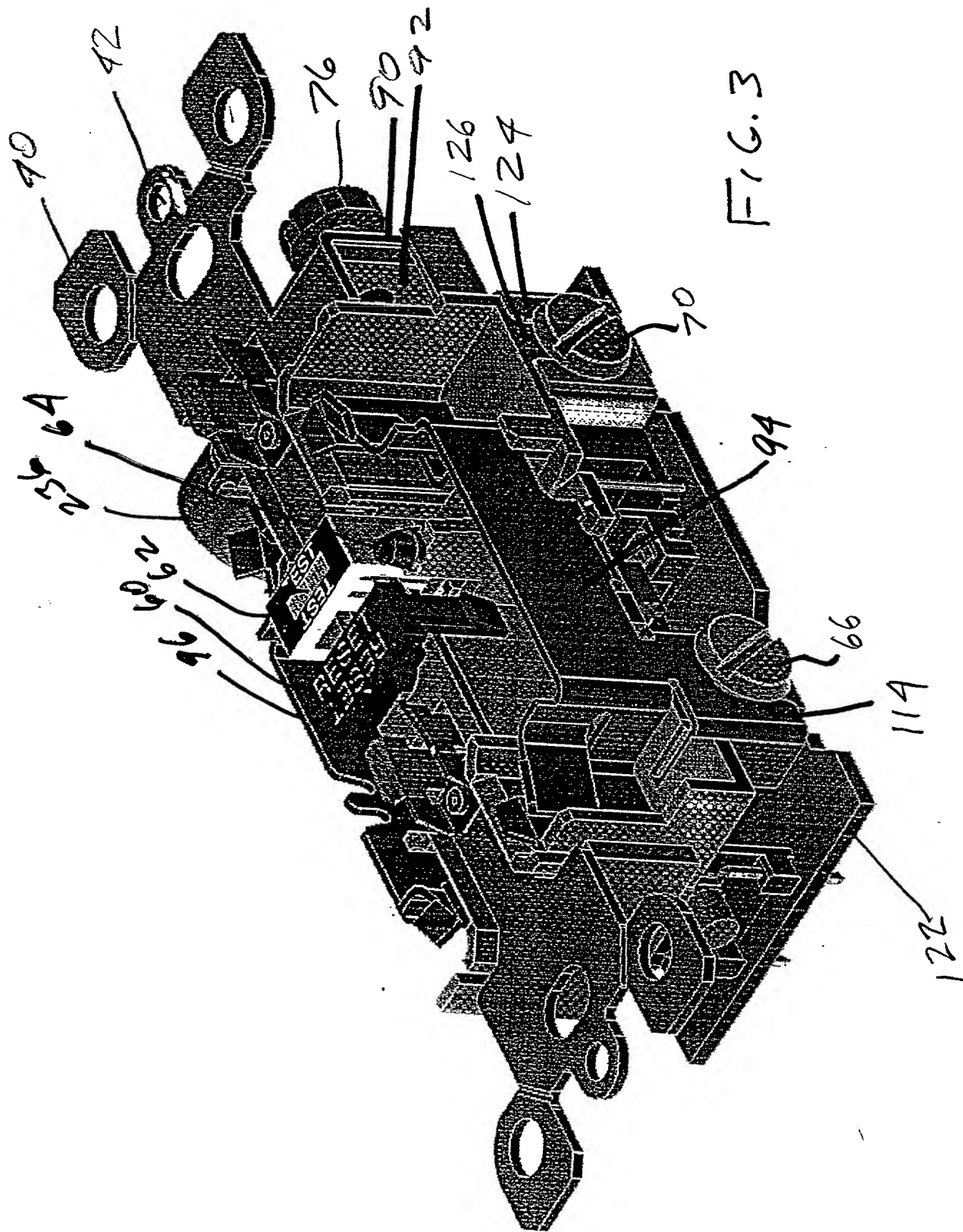


FIG. 3

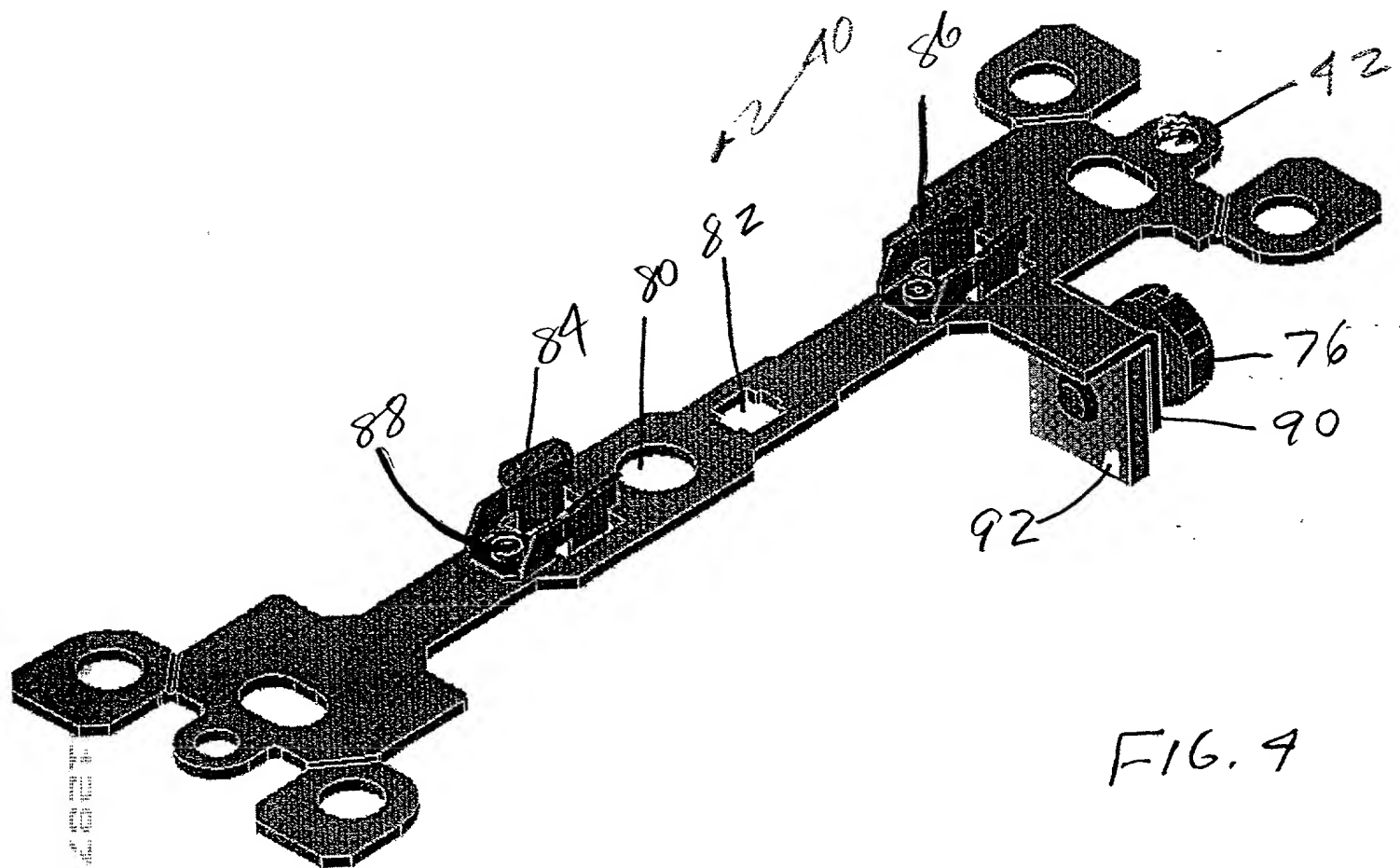


FIG. 4

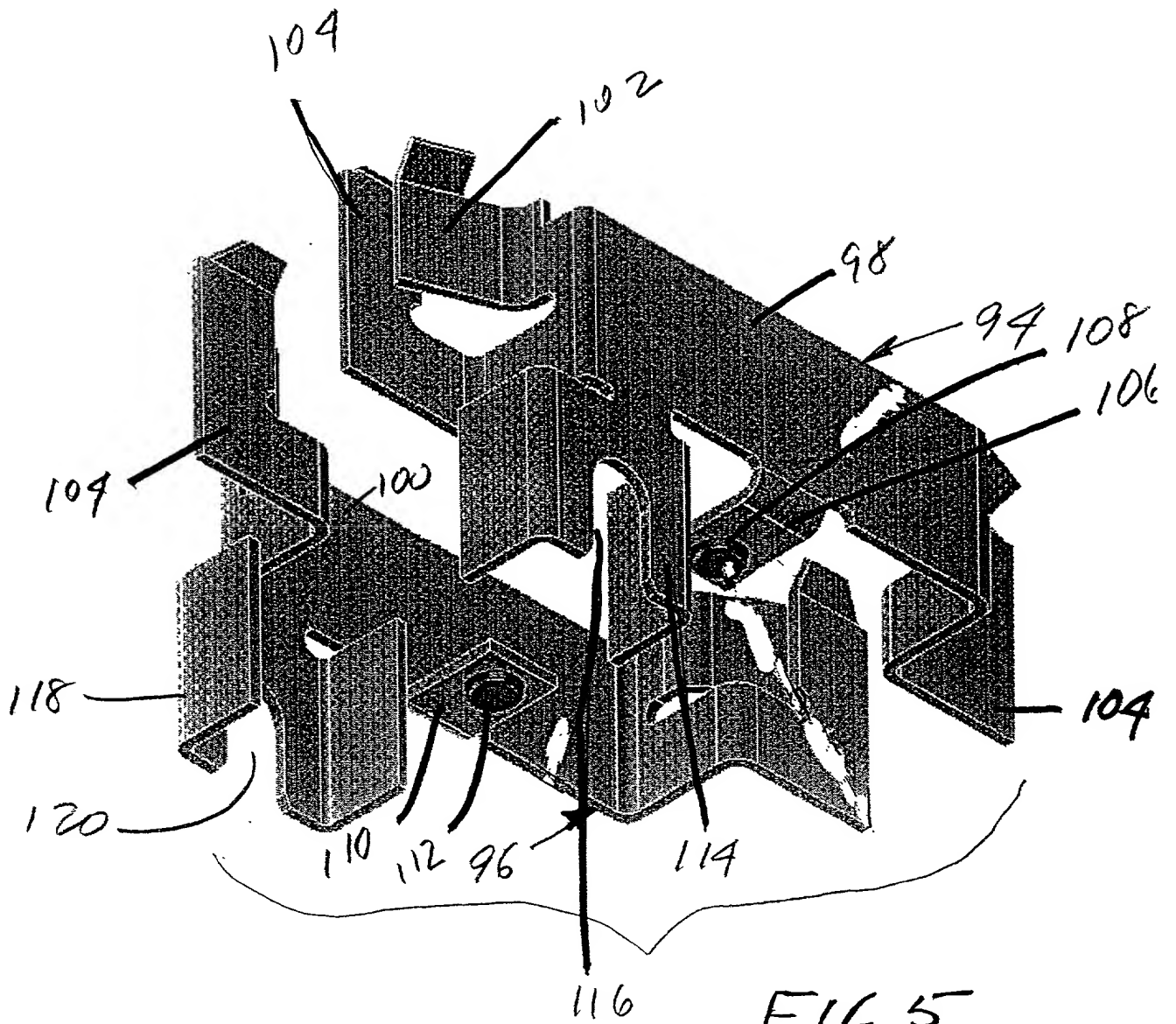


FIG. 5

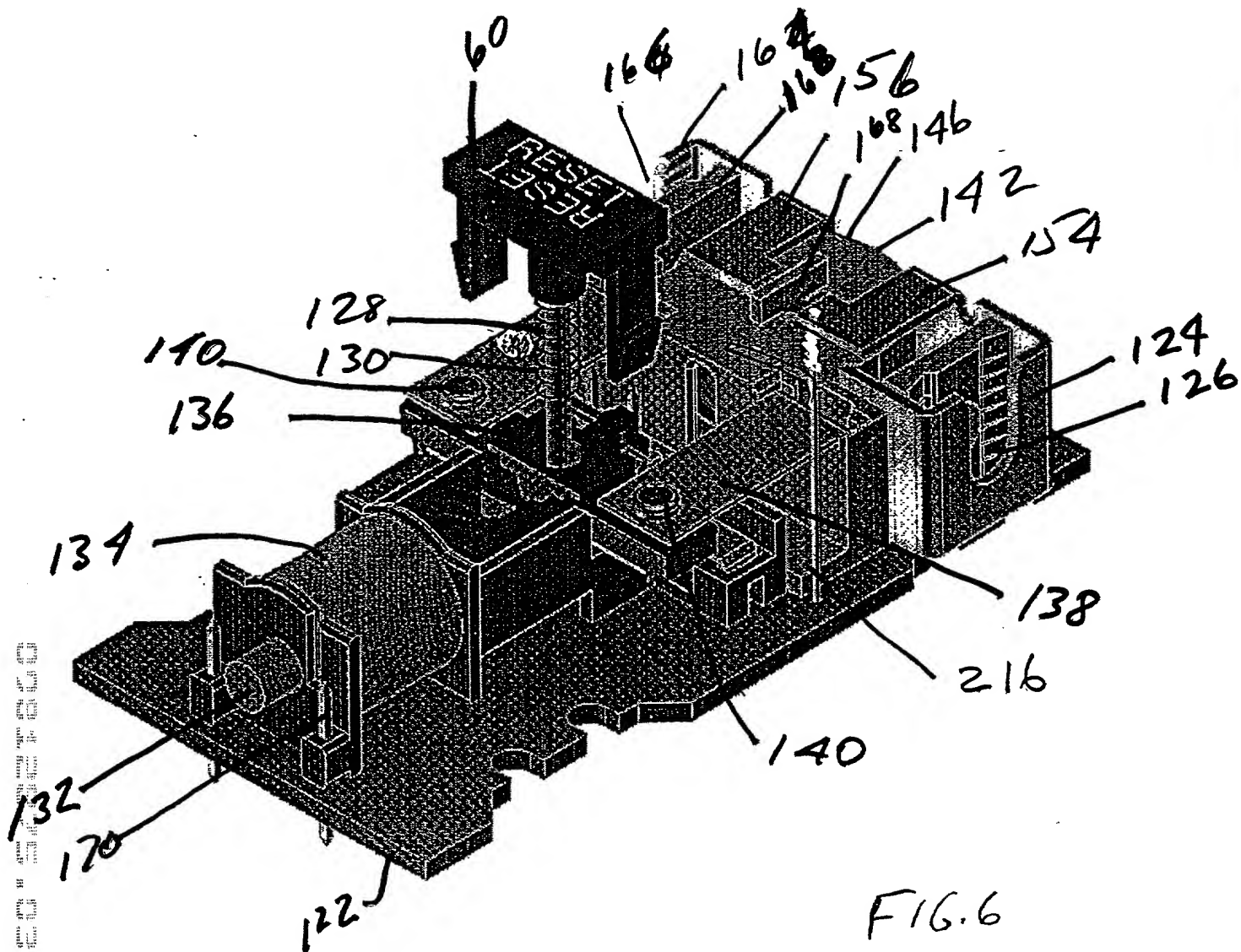


FIG. 6

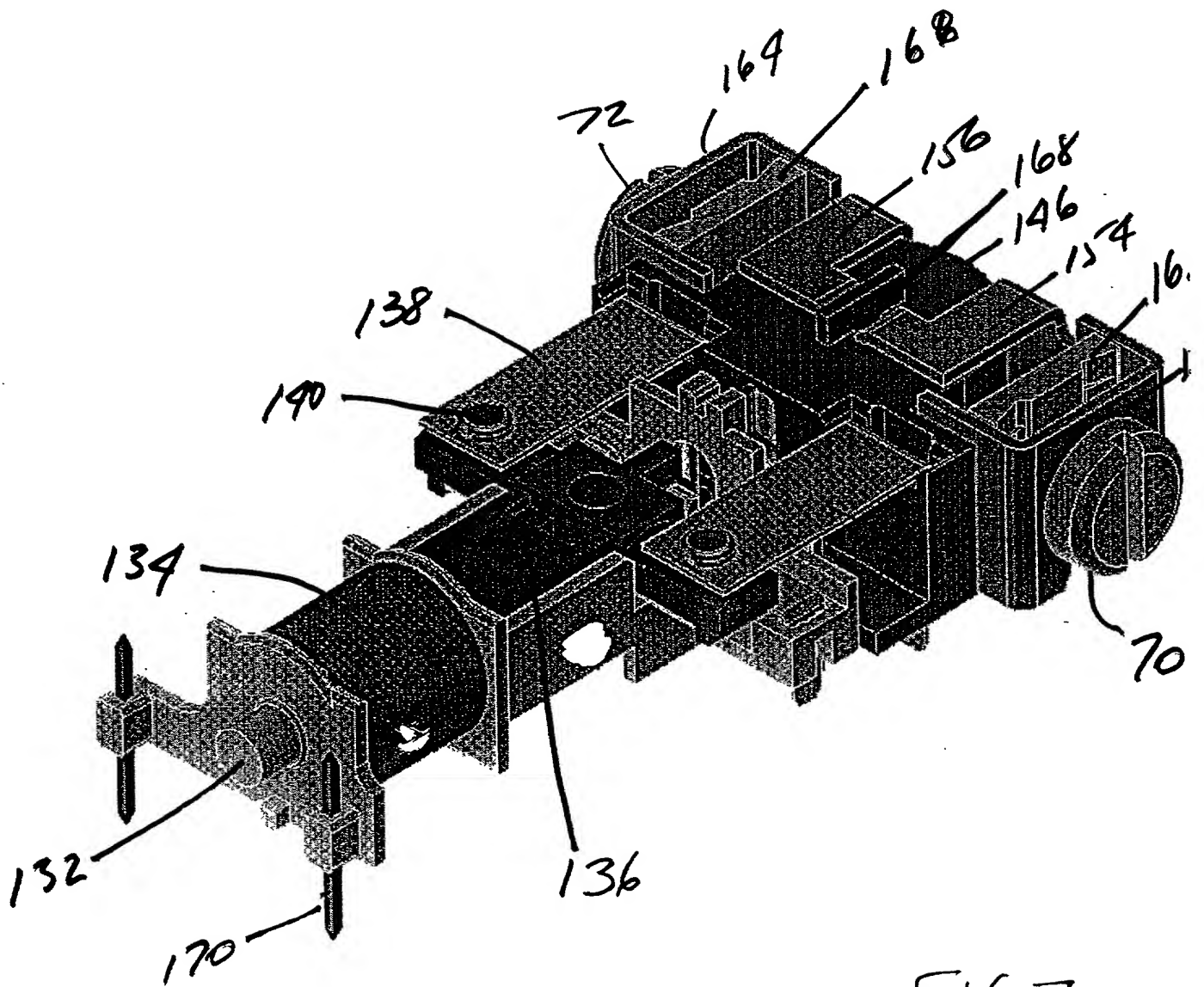


FIG. 7

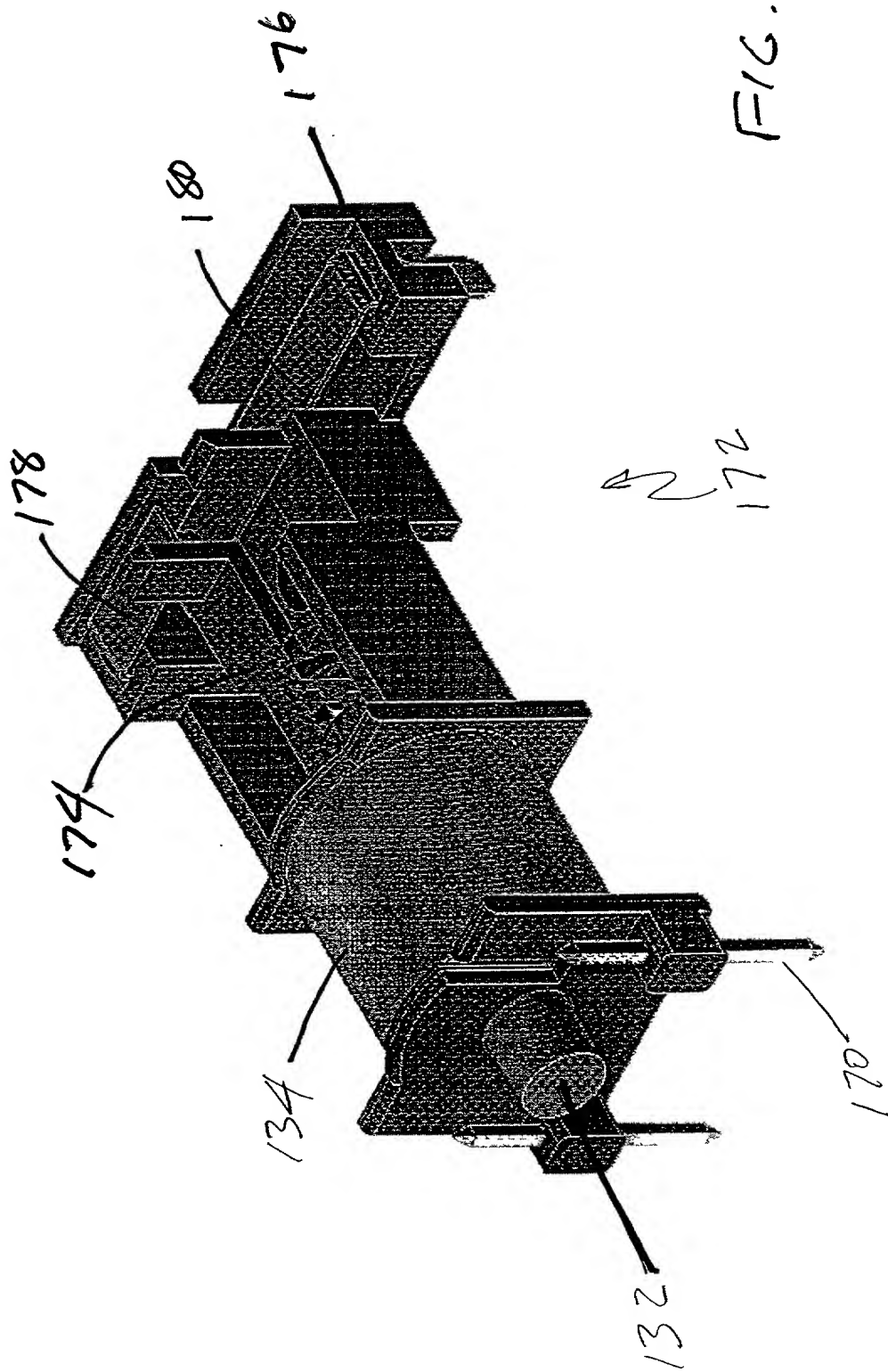
[illegible]

FIG. 9 is a perspective view of the device 100 in a disassembled state, showing the main body 120, the handle 130, the trigger 140, the safety 150, the magazine 160, and the barrel 170. The device 100 is shown in a disassembled state, with the handle 130, trigger 140, safety 150, magazine 160, and barrel 170 separated from the main body 120. The handle 130 is shown with a grip 132 and a trigger guard 136. The trigger 140 is shown with a trigger guard 142. The safety 150 is shown with a safety lever 152. The magazine 160 is shown with a magazine release 162. The barrel 170 is shown with a barrel nut 172 and a barrel cap 174.

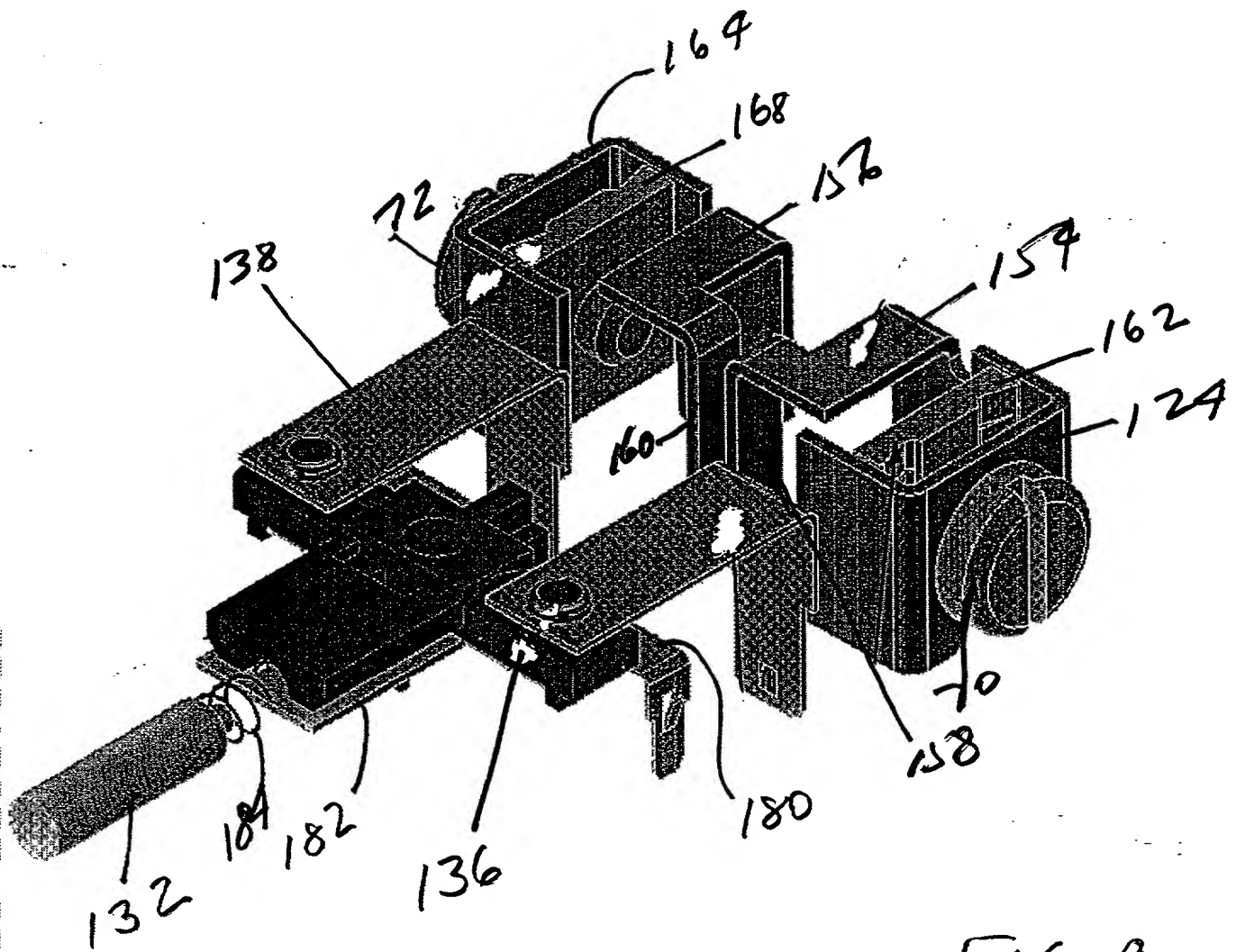


FIG. 9

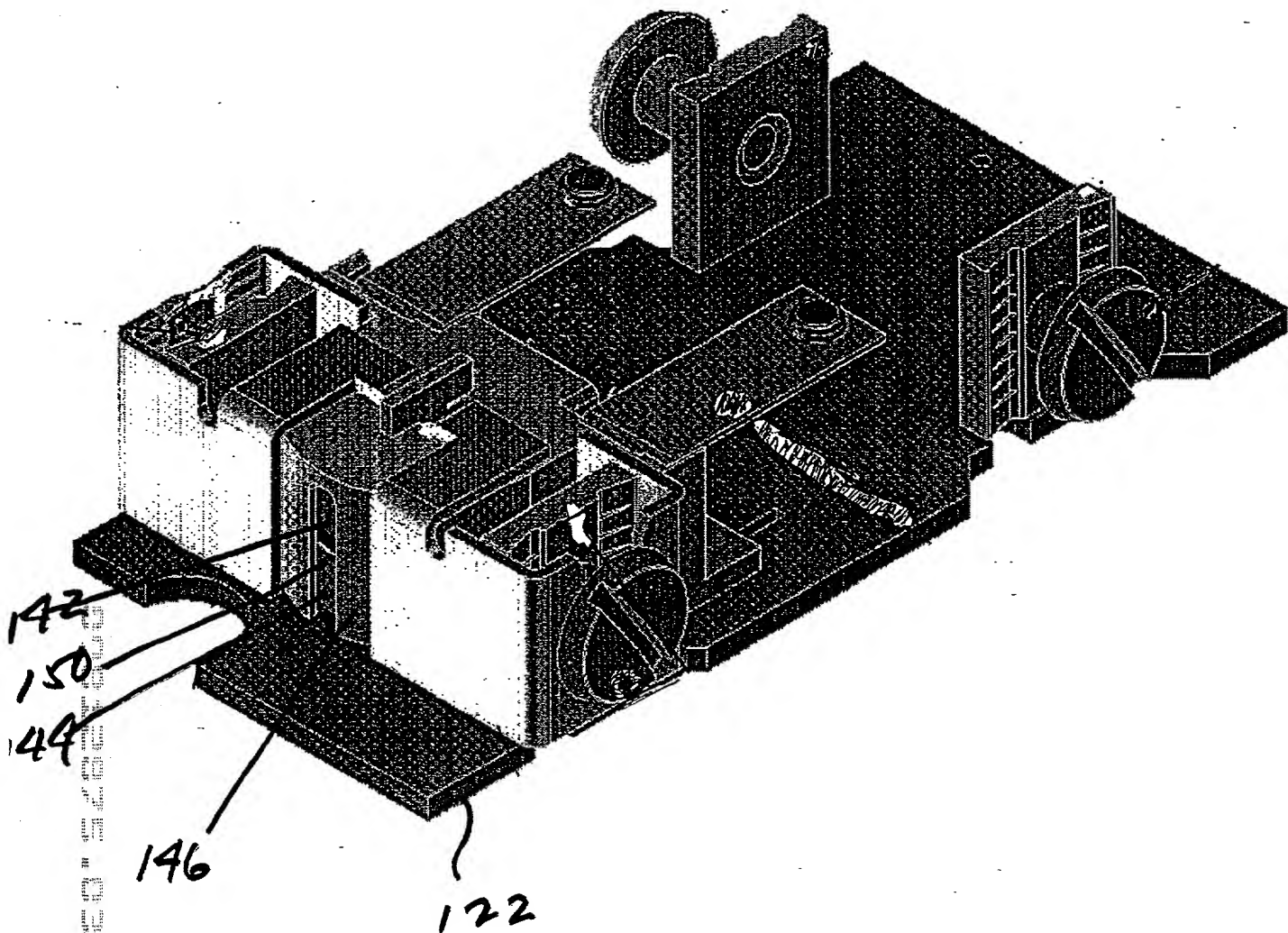


FIG. 11

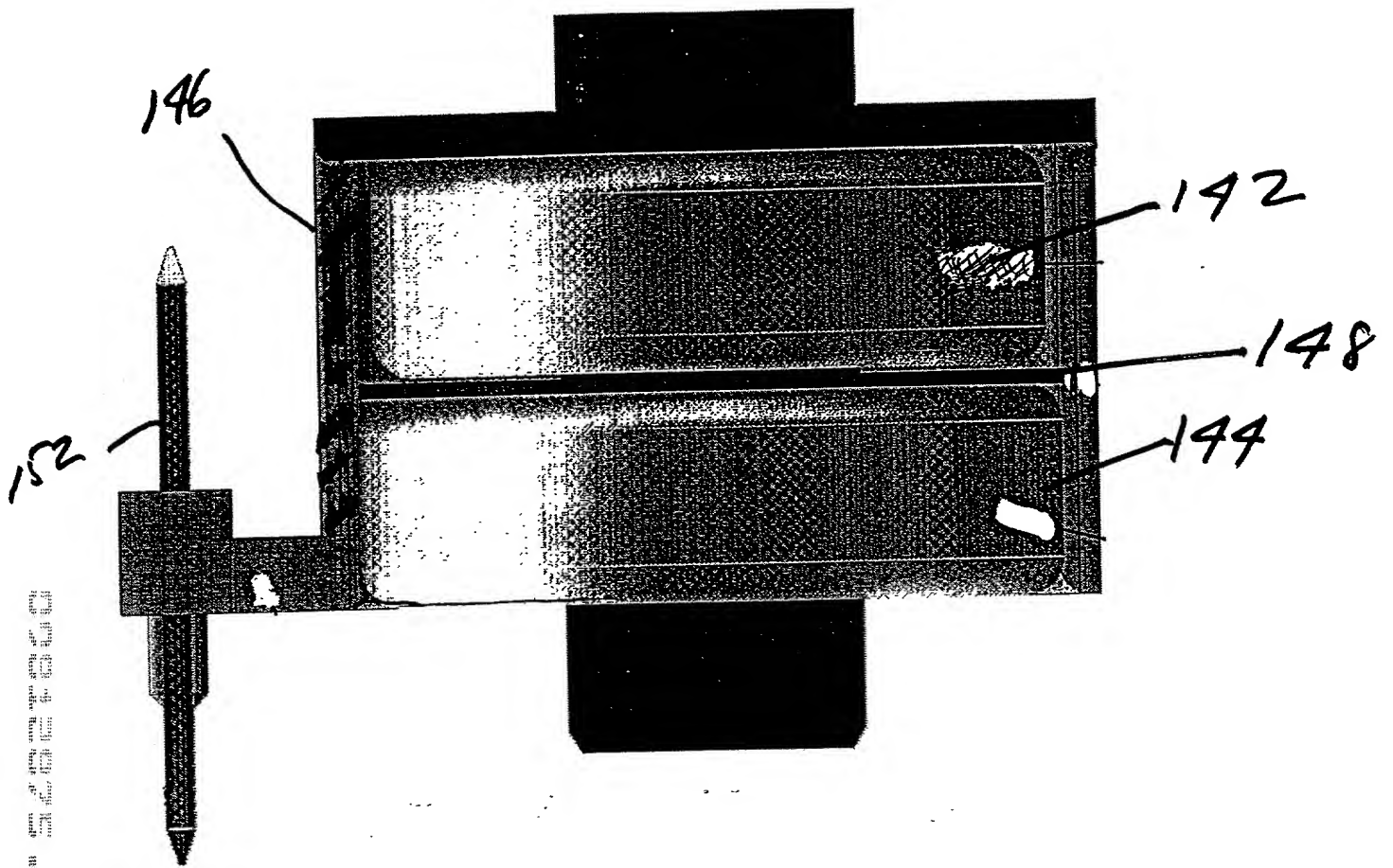


FIG. 12

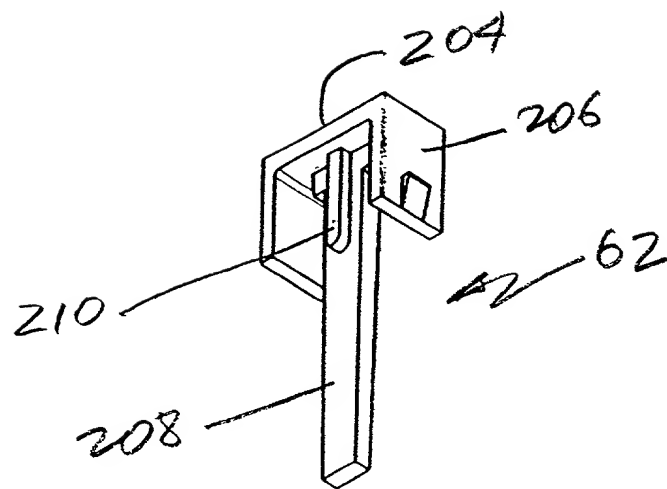


FIG. 13

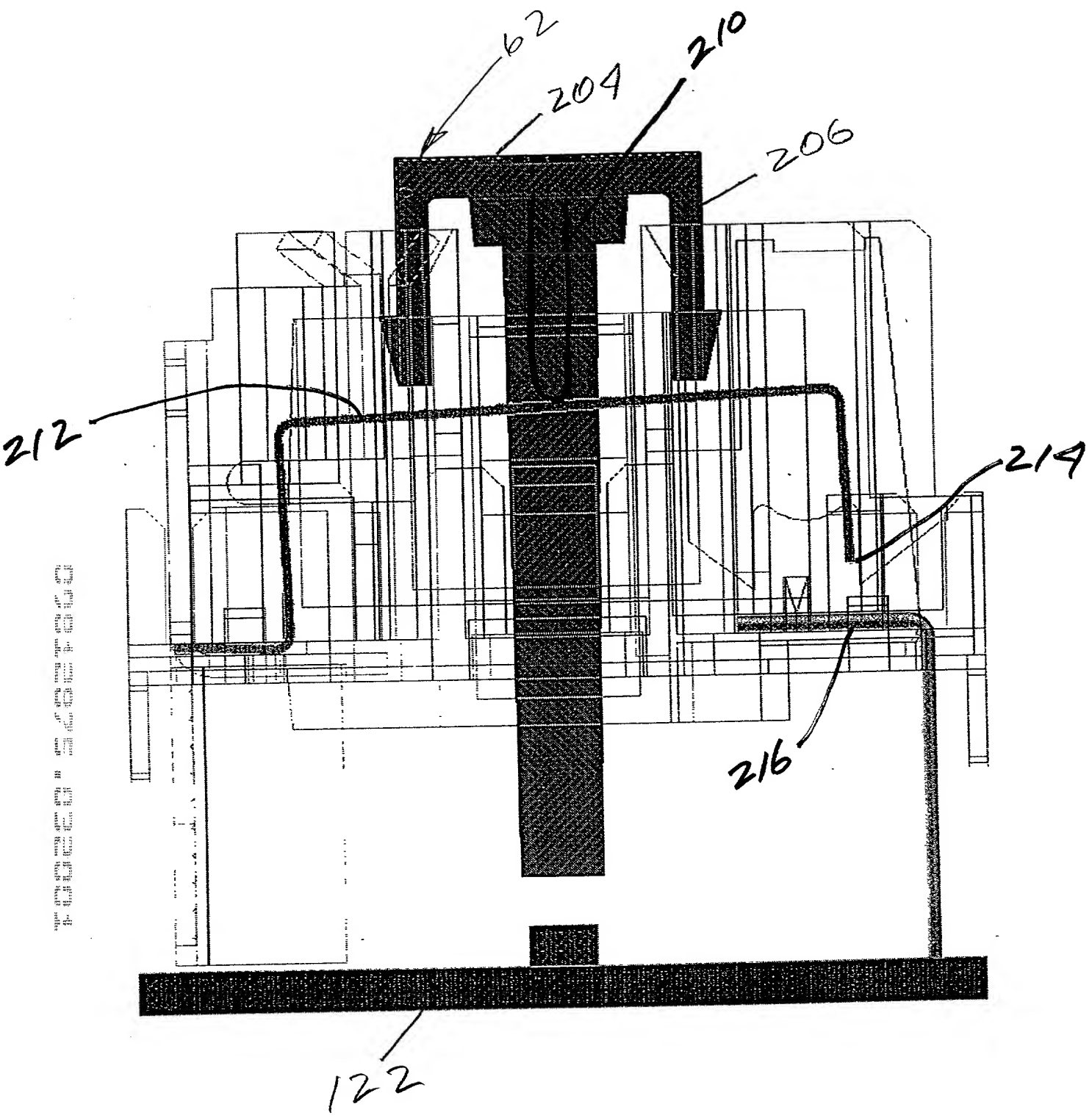


FIG. 14

FIG. 15 is a cross-sectional view of the device in accordance with the present invention, showing the device in a closed position. The device includes a housing 100, a central shaft 102, and a plurality of blades 104. The blades are arranged in a circular pattern around the central shaft. The device is shown in a cross-sectional view, with the central shaft 102 and the blades 104 being the primary components. The housing 100 is shown in a cross-sectional view, with the central shaft 102 and the blades 104 being the primary components. The device is shown in a cross-sectional view, with the central shaft 102 and the blades 104 being the primary components.

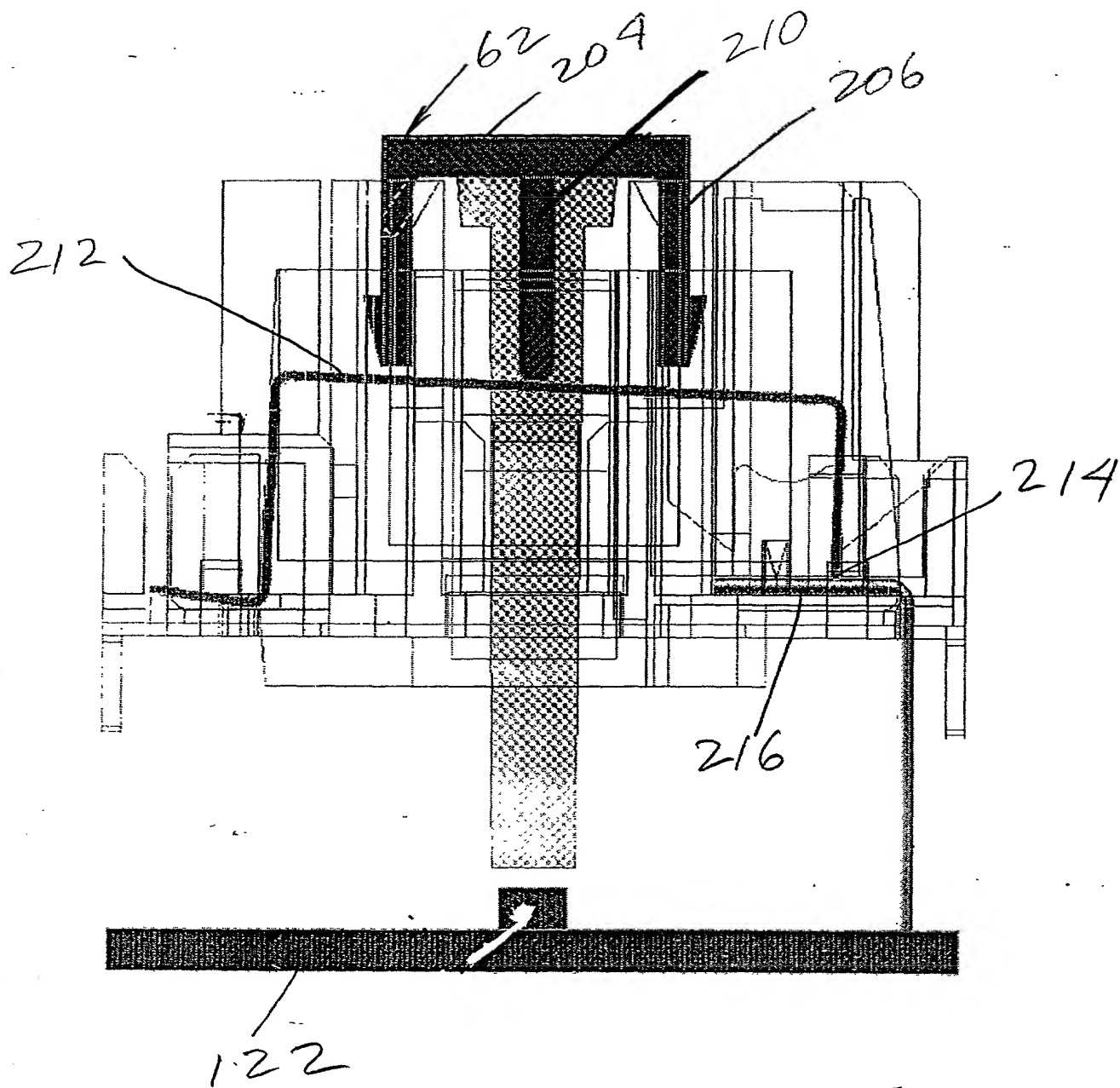


FIG. 15

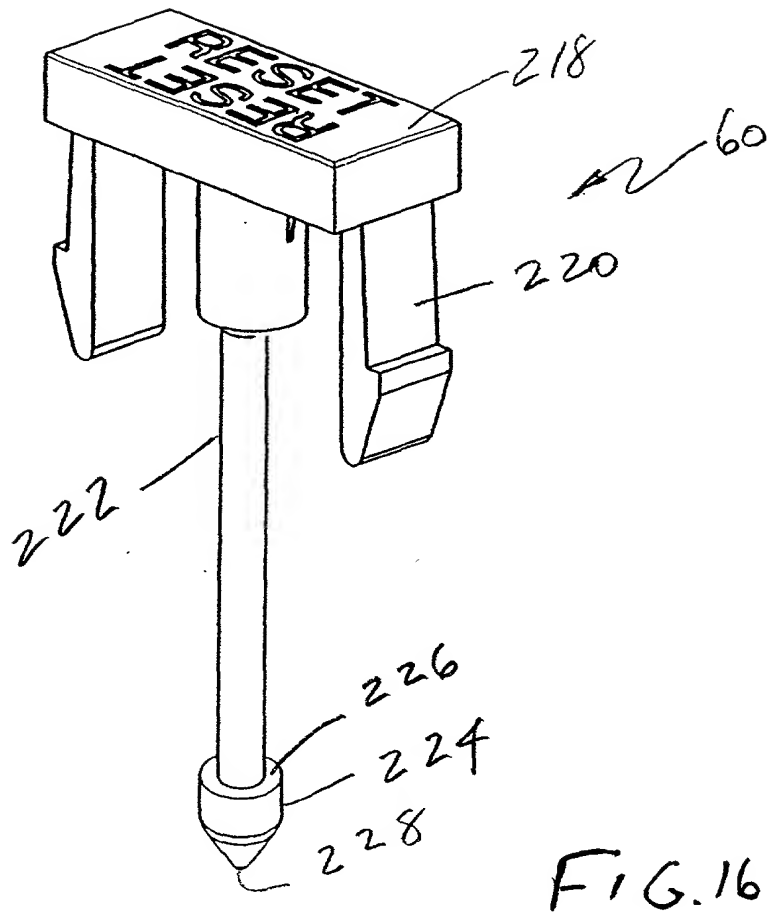


FIG. 16

MODE	LED INDICATOR			PIEZO BEEPER
	Green	Red	Amber	
Supervisory	Slow	NA	NA	Off
25 Days	Fast	NA	NA	Off
30 Days	NA	NA	Fast	Off
Trip-External Fault	NA	NA	Fast	On
Fault in GFCI	NA	Fast	NA	On
Power On Reset	NA	NA	Fast	Off

FIG. 21

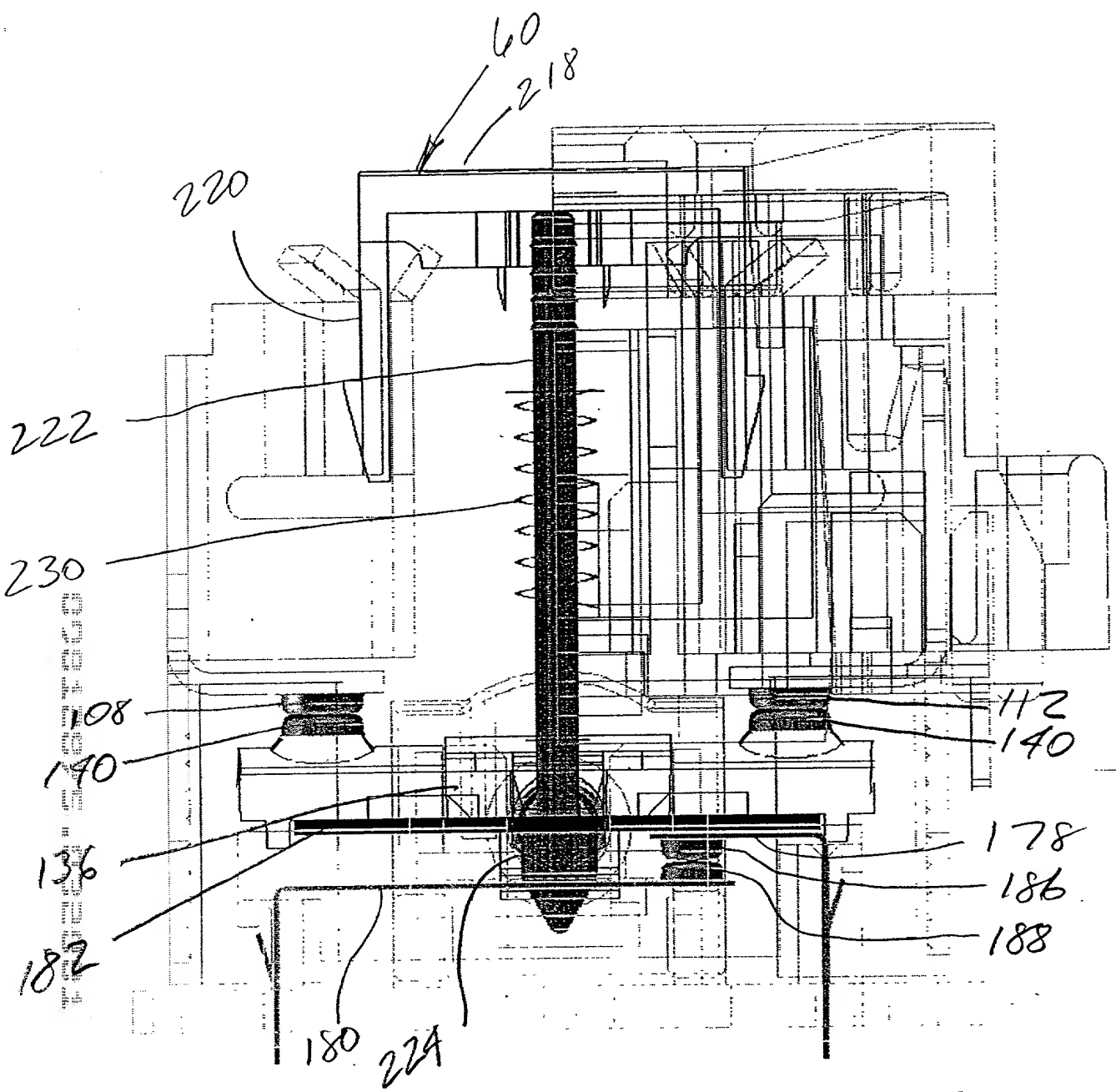


FIG. 17

FIG. 18 is a perspective view of the device in accordance with the present invention, showing the device in a closed position.

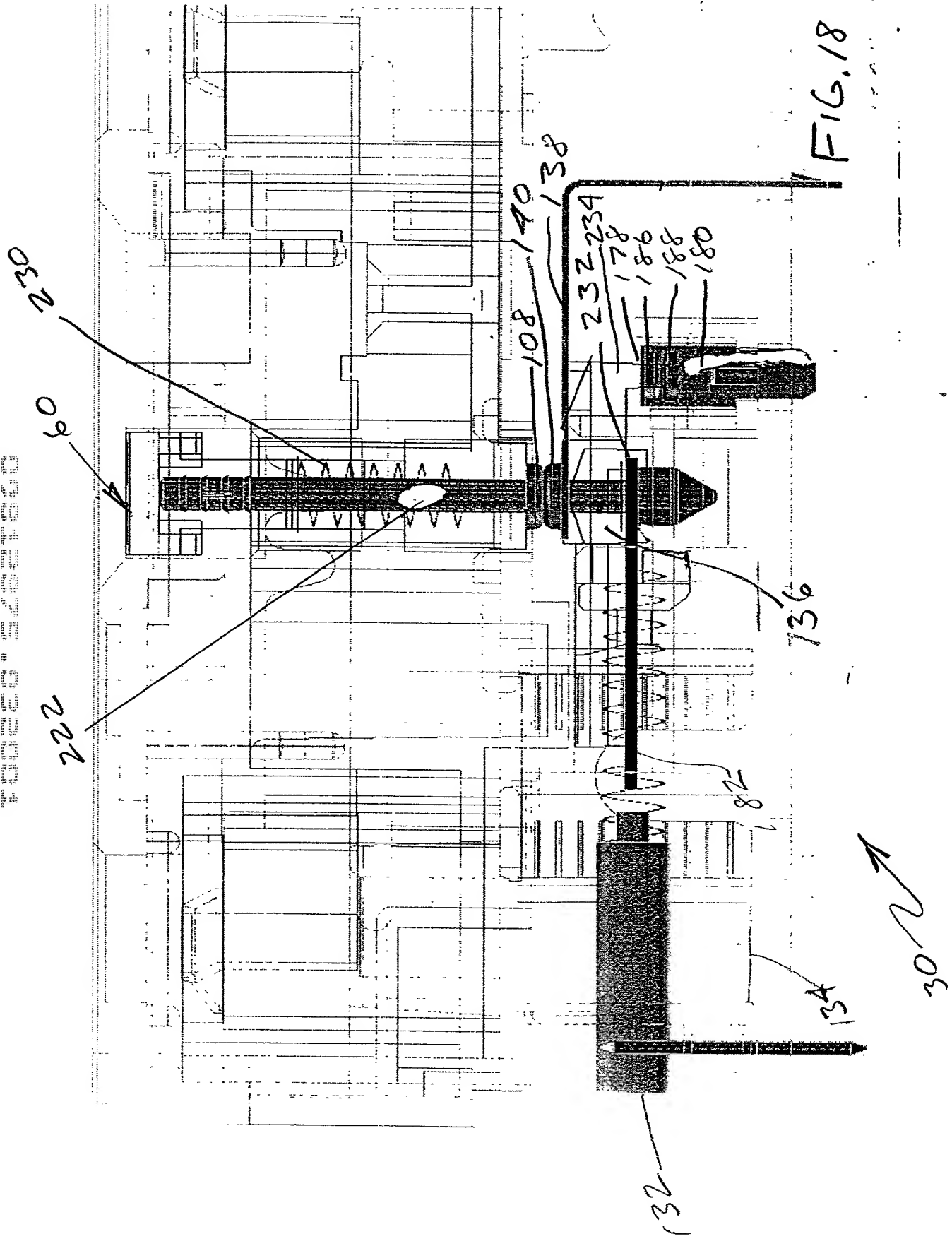


FIG. 18

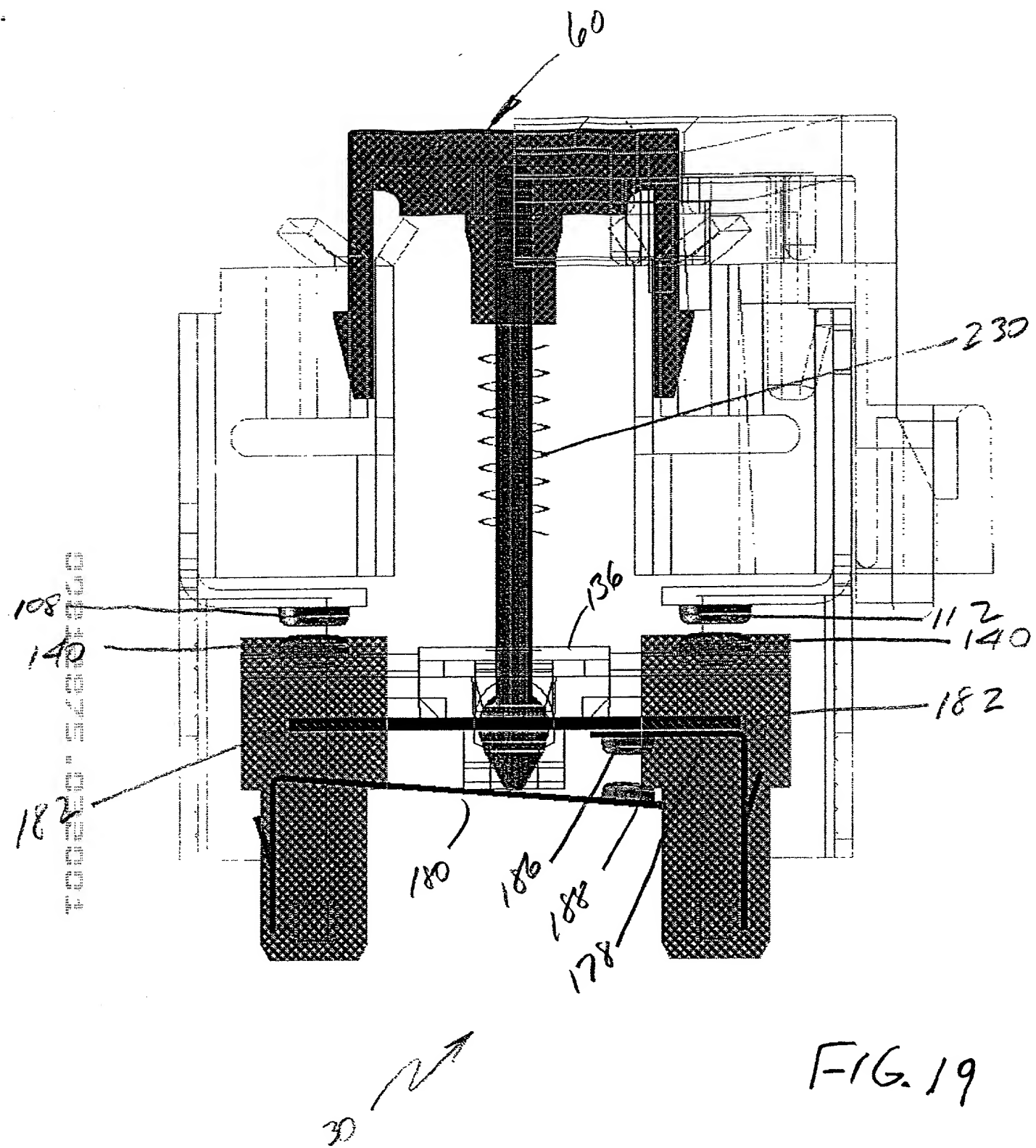


FIG. 20 is a perspective view of the device in accordance with the present invention, showing the device in a closed position.

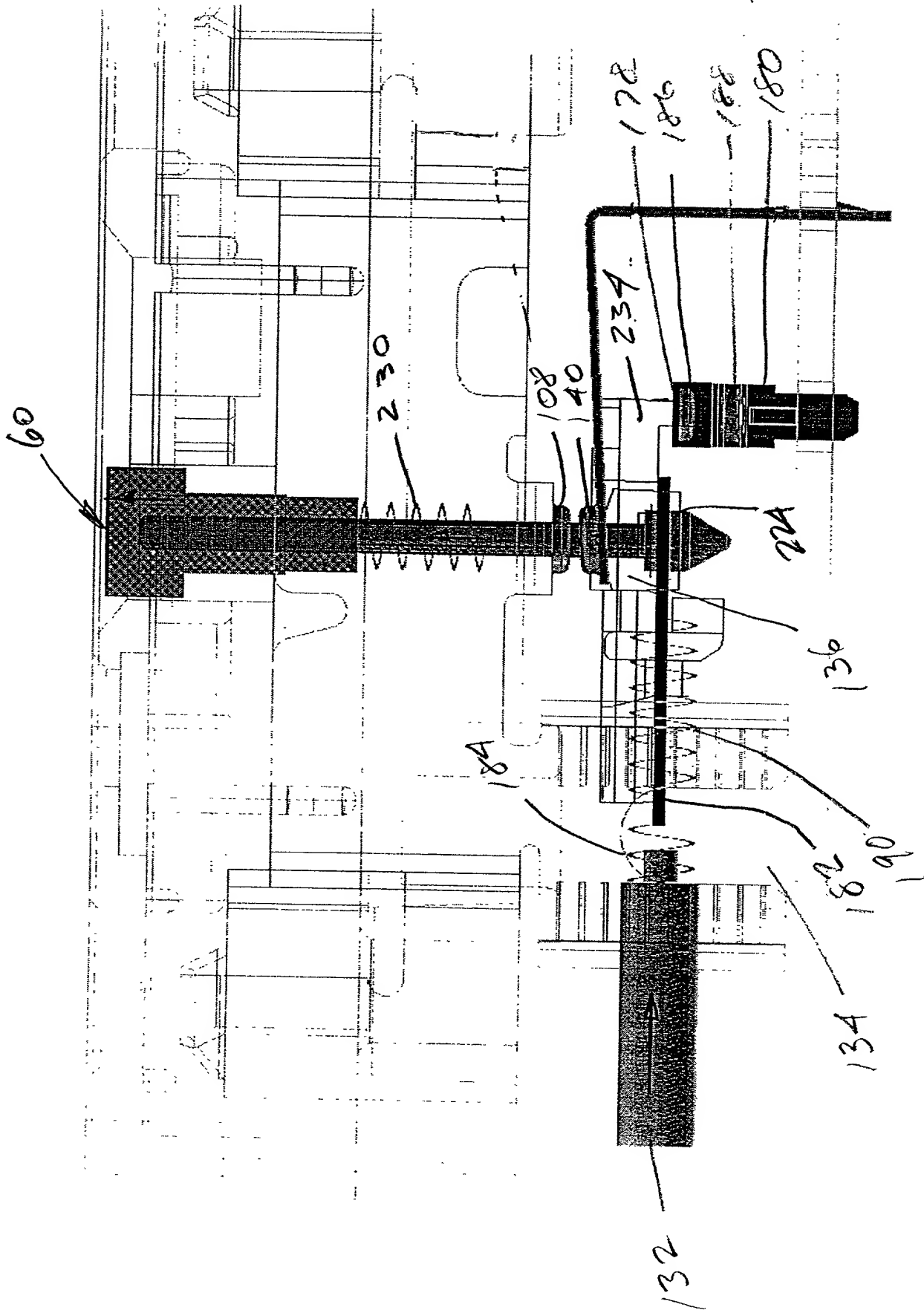
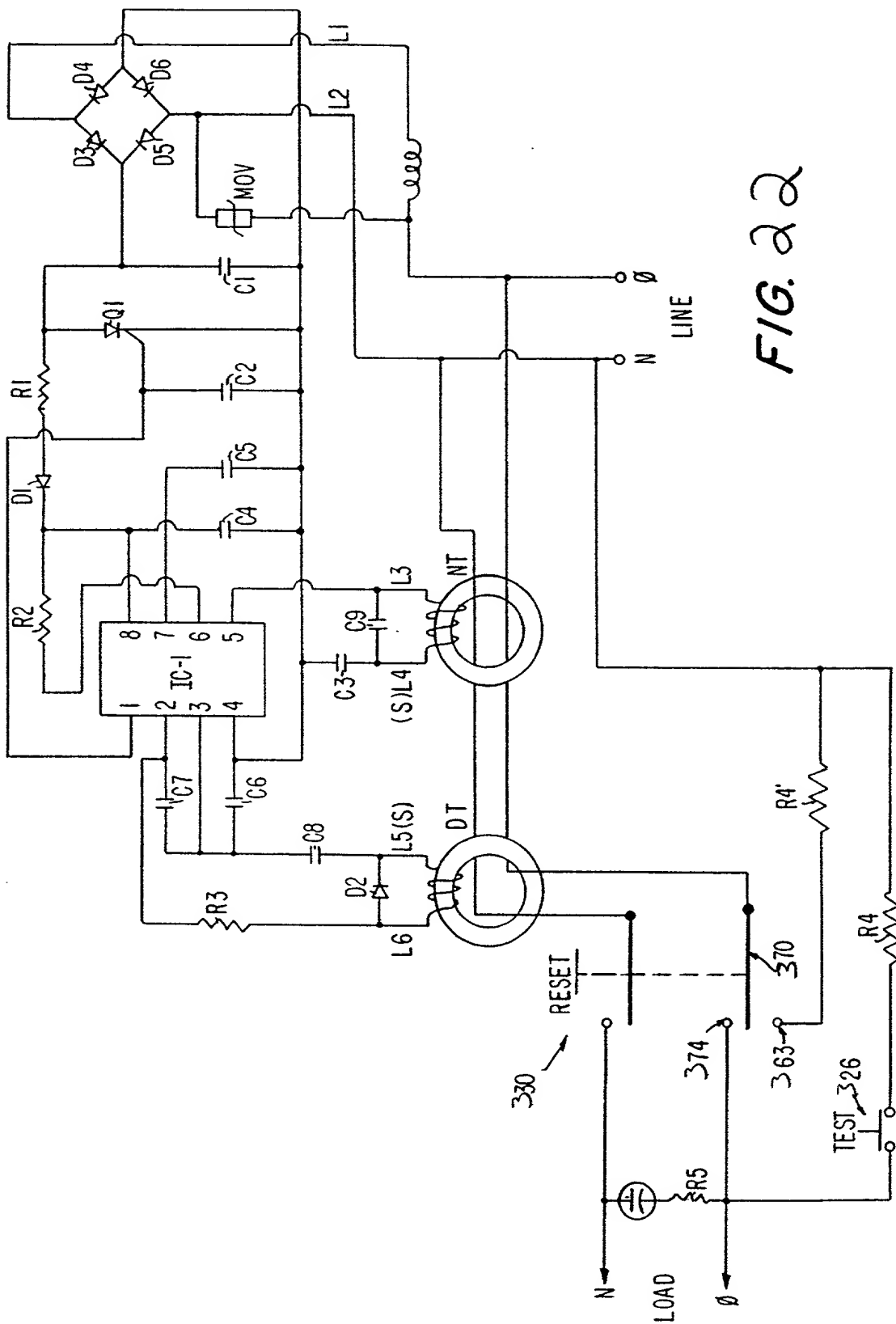
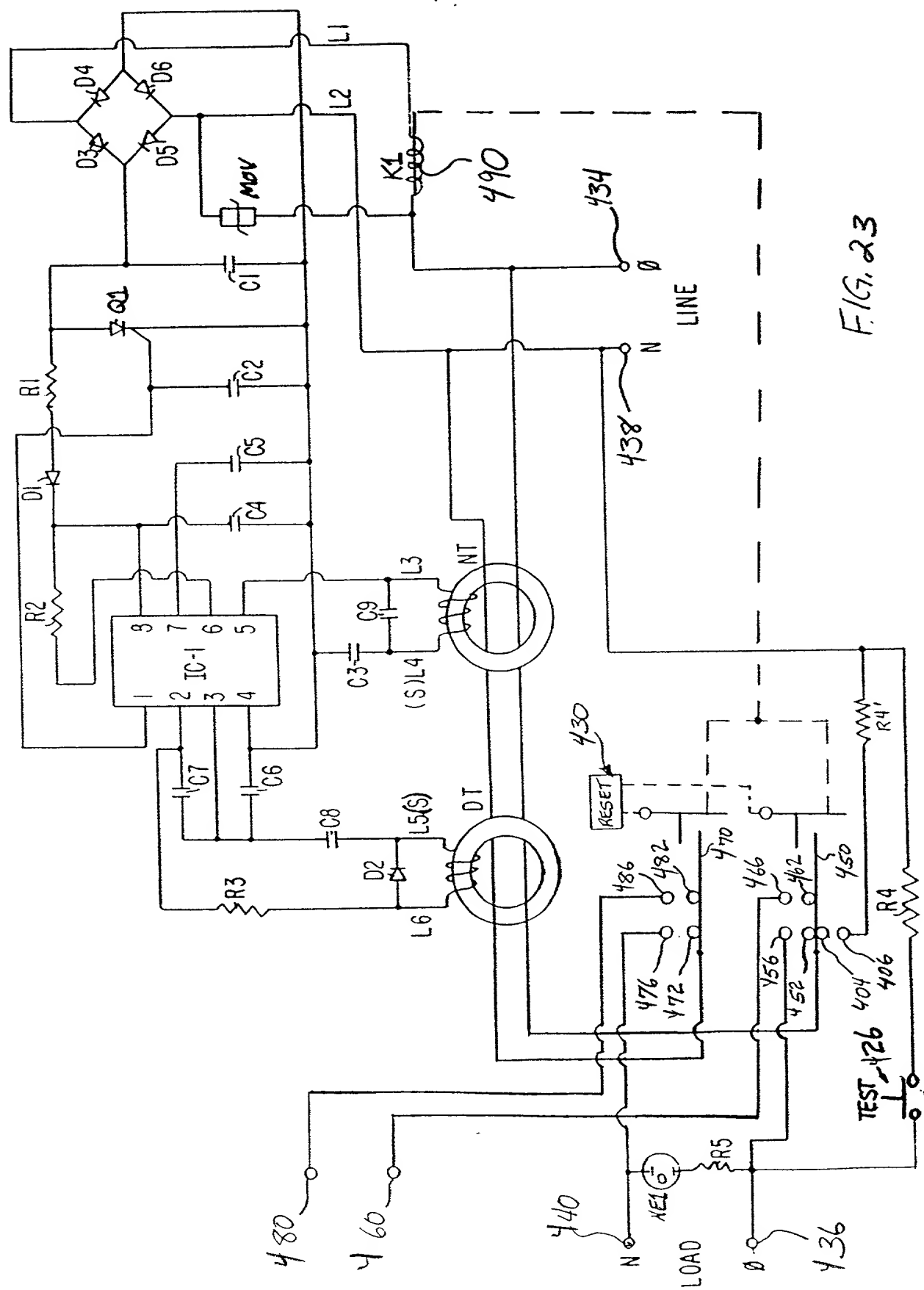
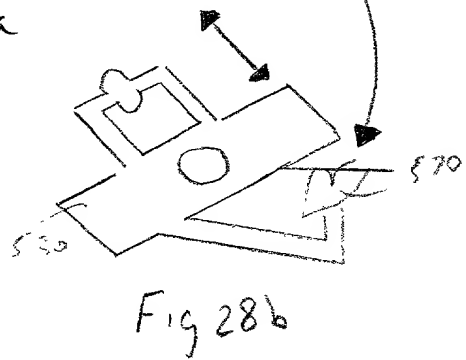
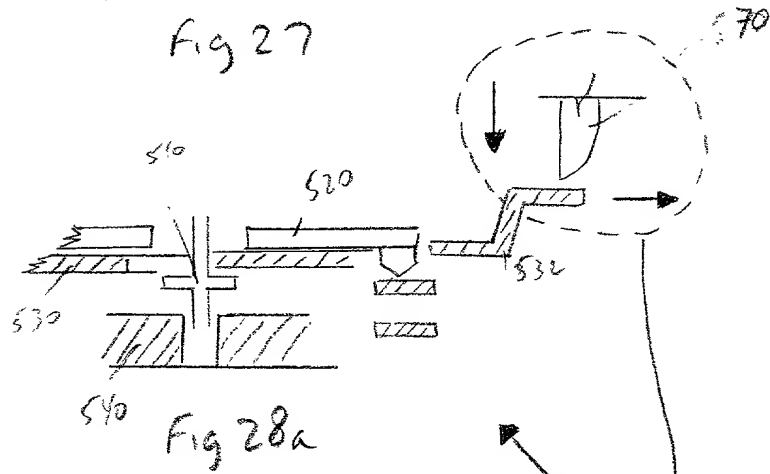
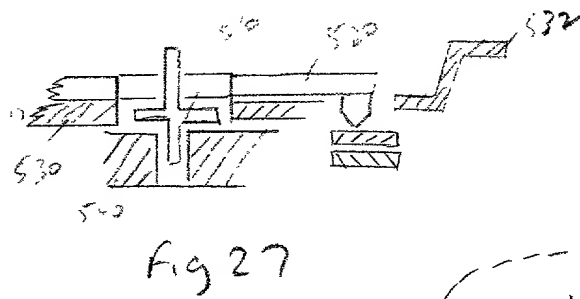
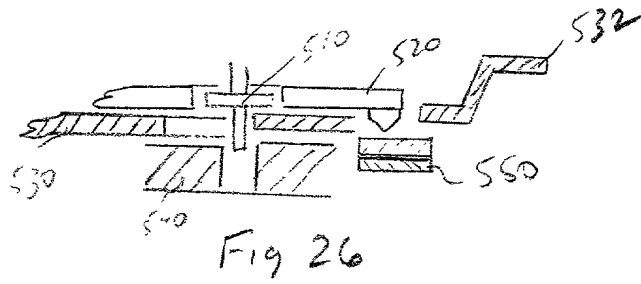
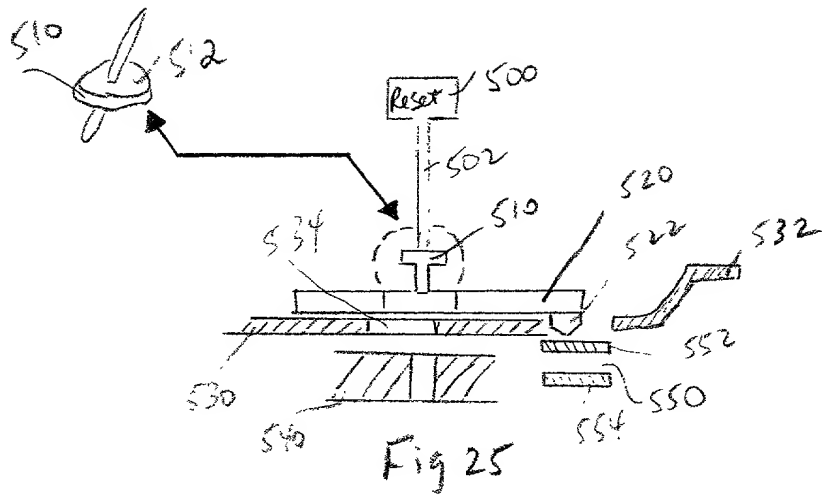
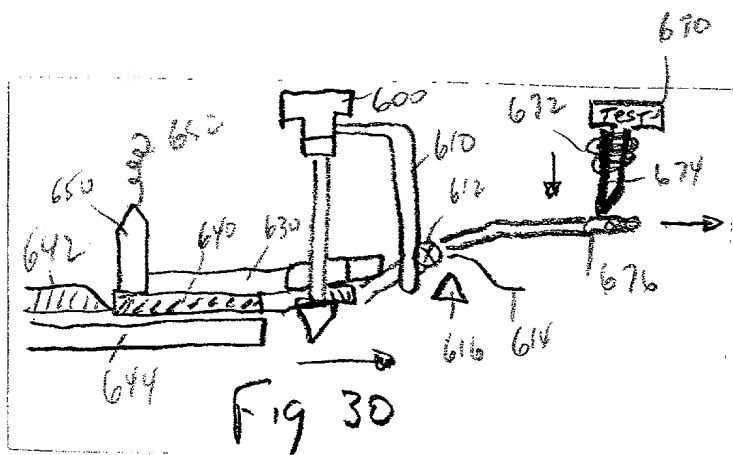
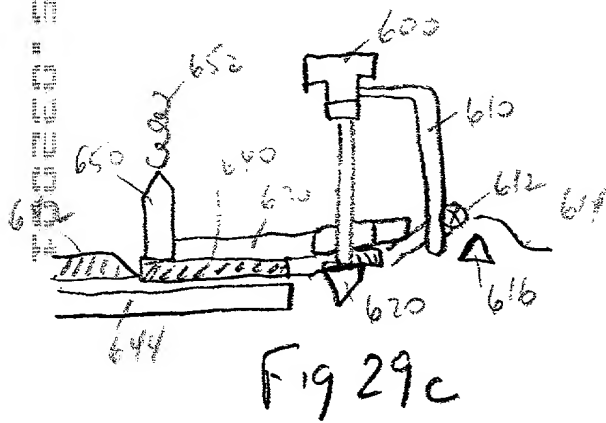
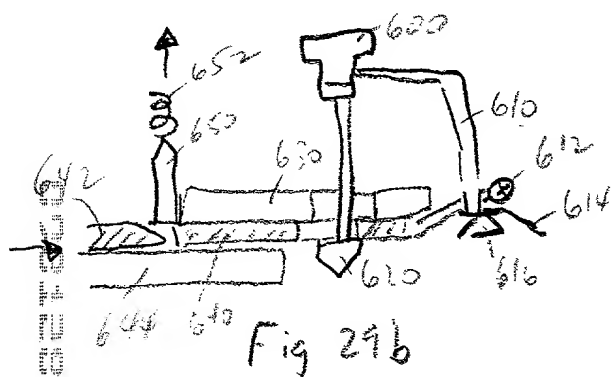
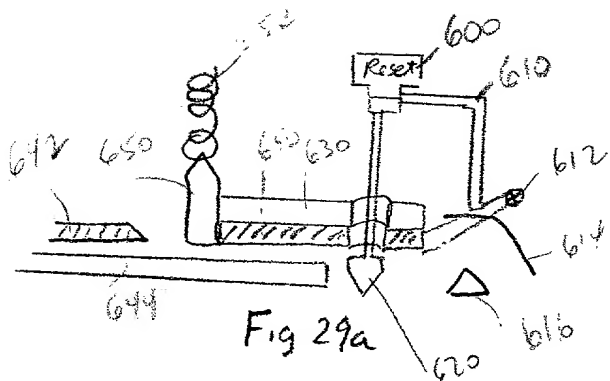


FIG. 20









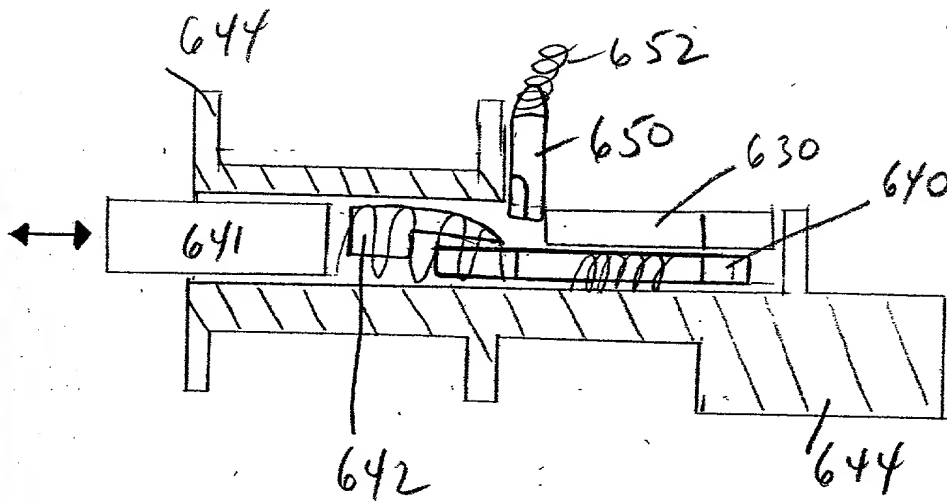


Fig 31a

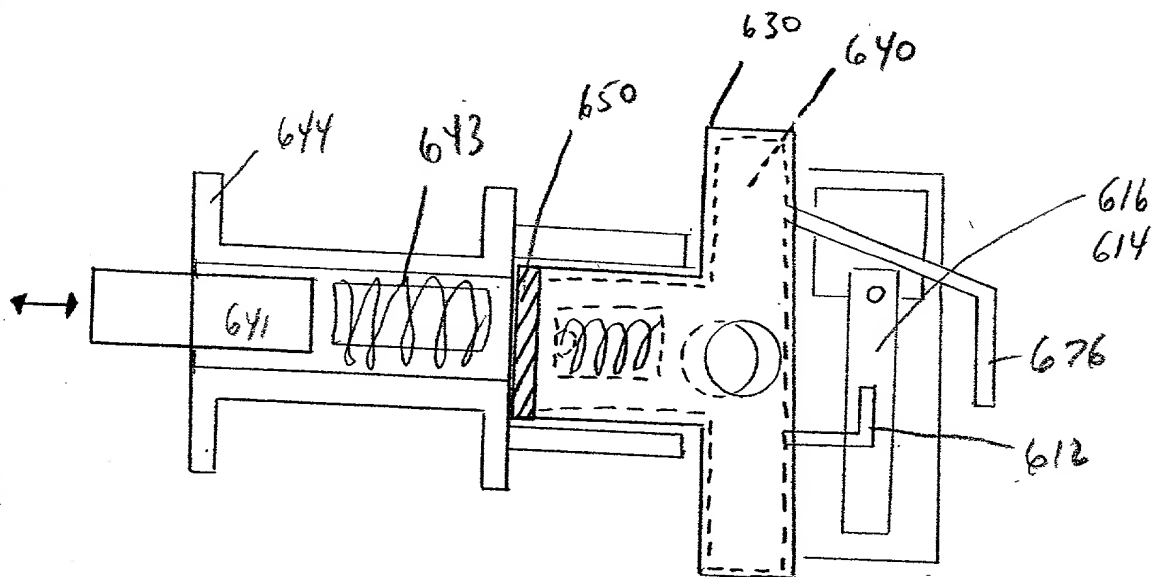


Fig 31b

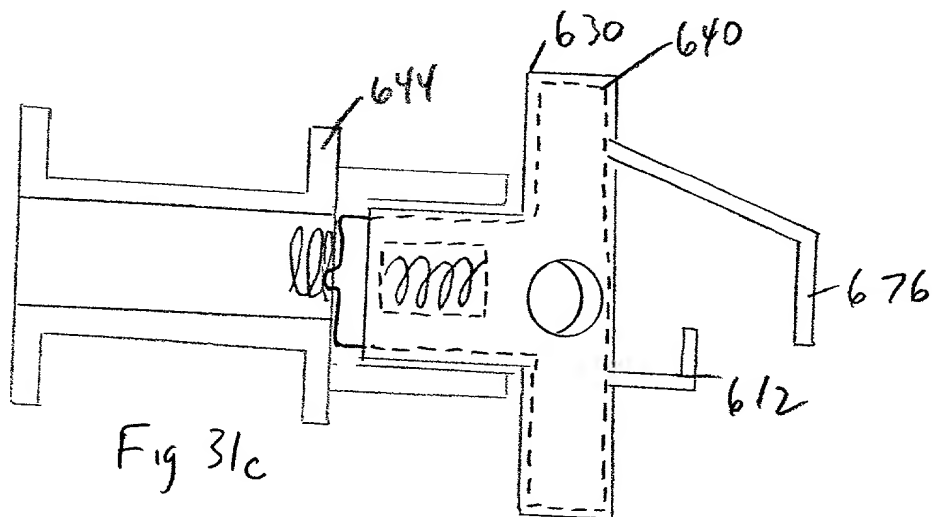


Fig 31c

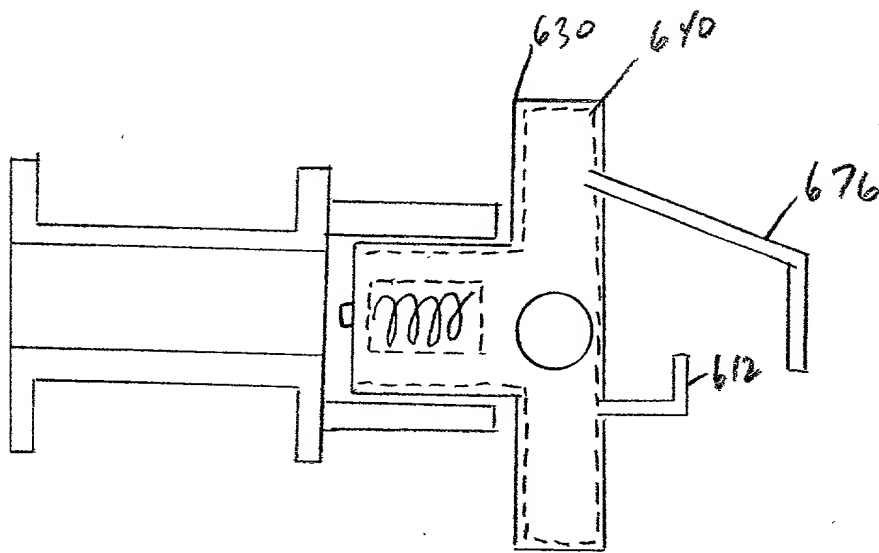


Fig 31d

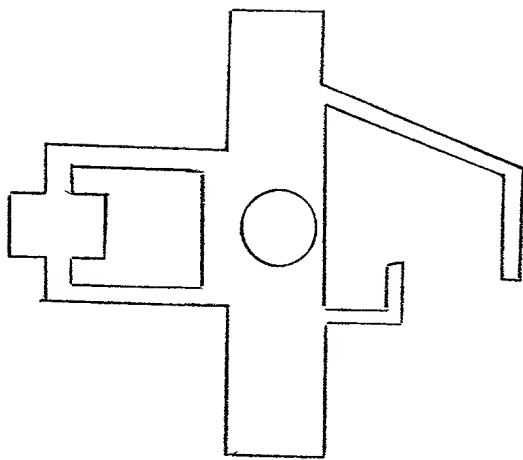


Fig 31e

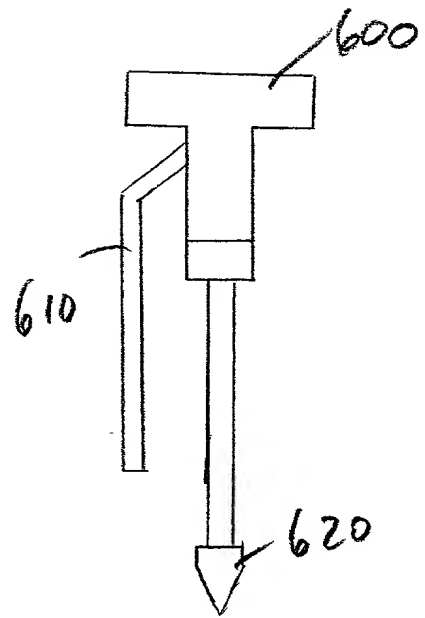


Fig 31f

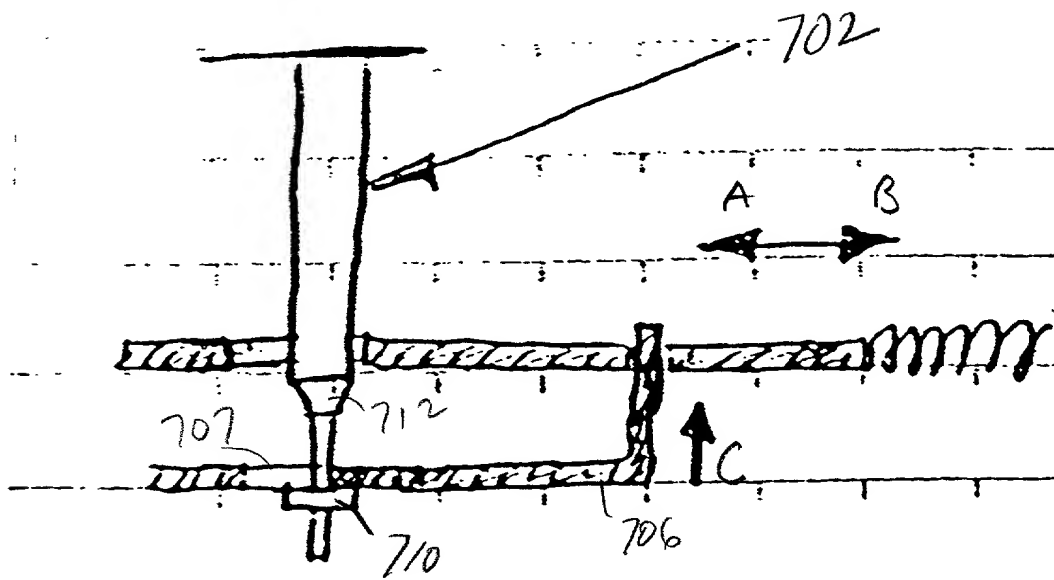


Fig 32a

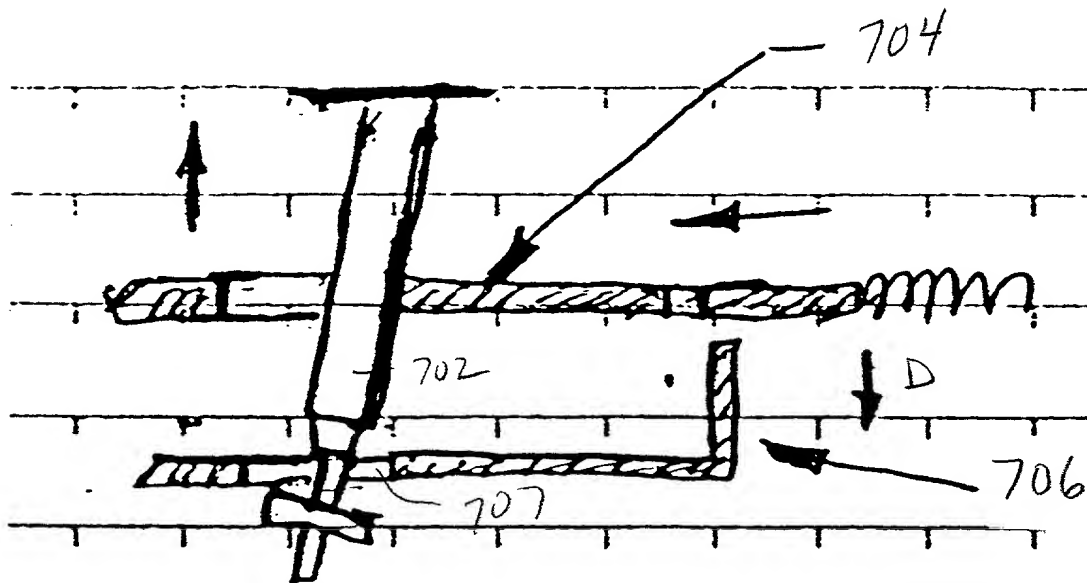
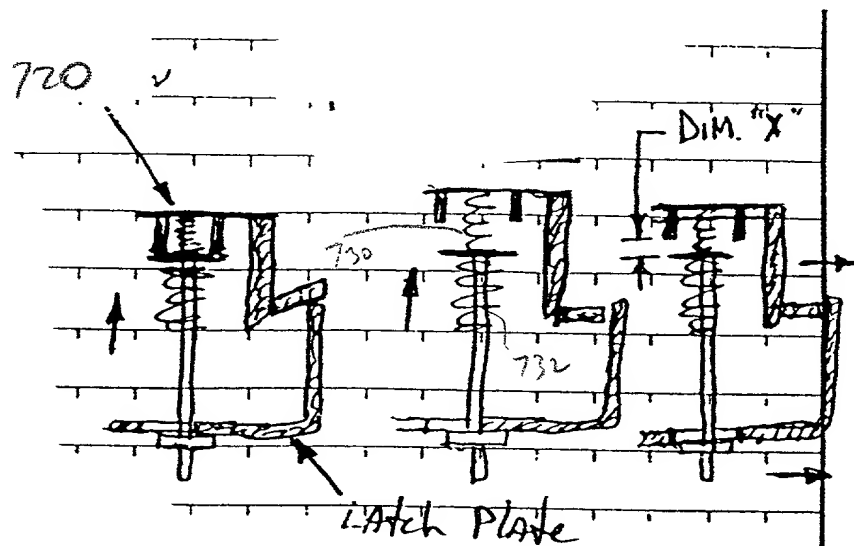
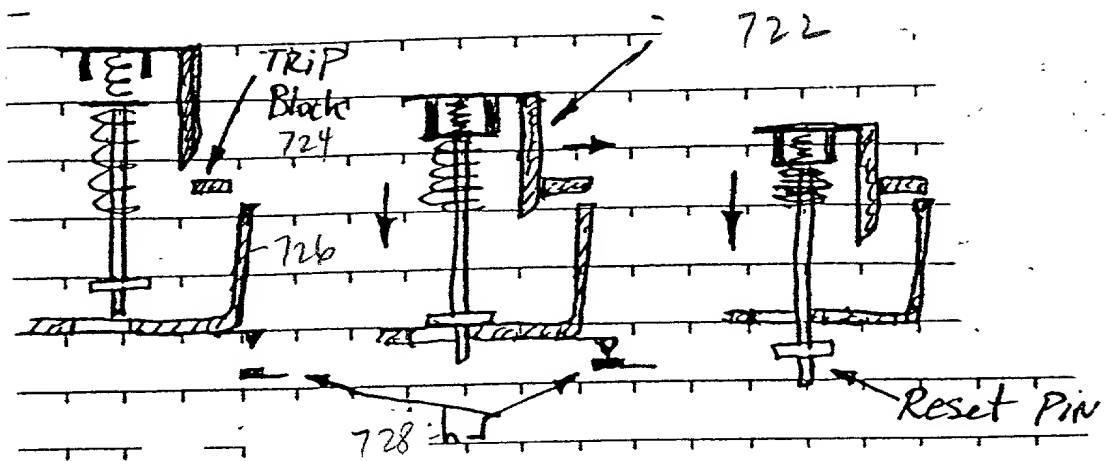


Fig 32b



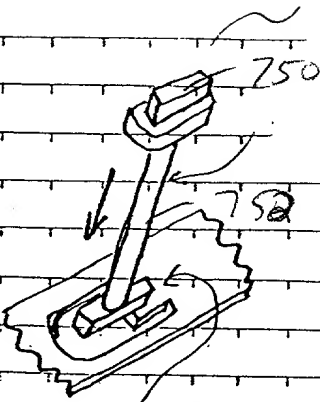


FIG. 34a

LOCK
OUT

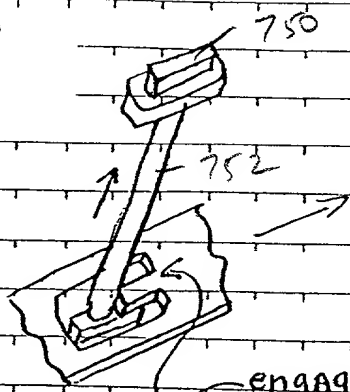


FIG. 34b

engagement

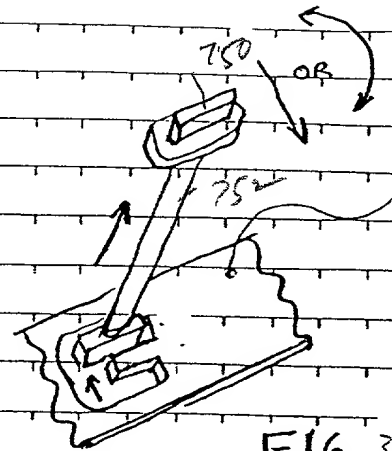


FIG. 34c

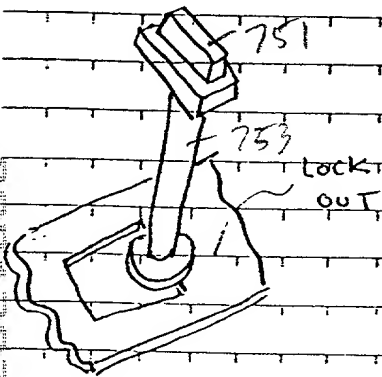


FIG. 34d

LOCK
OUT

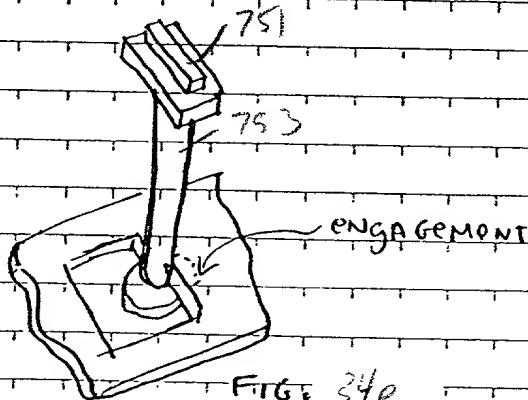


FIG. 34e

engagement

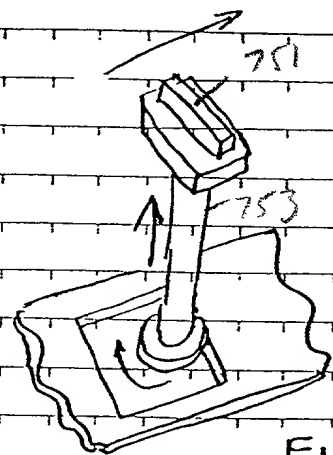
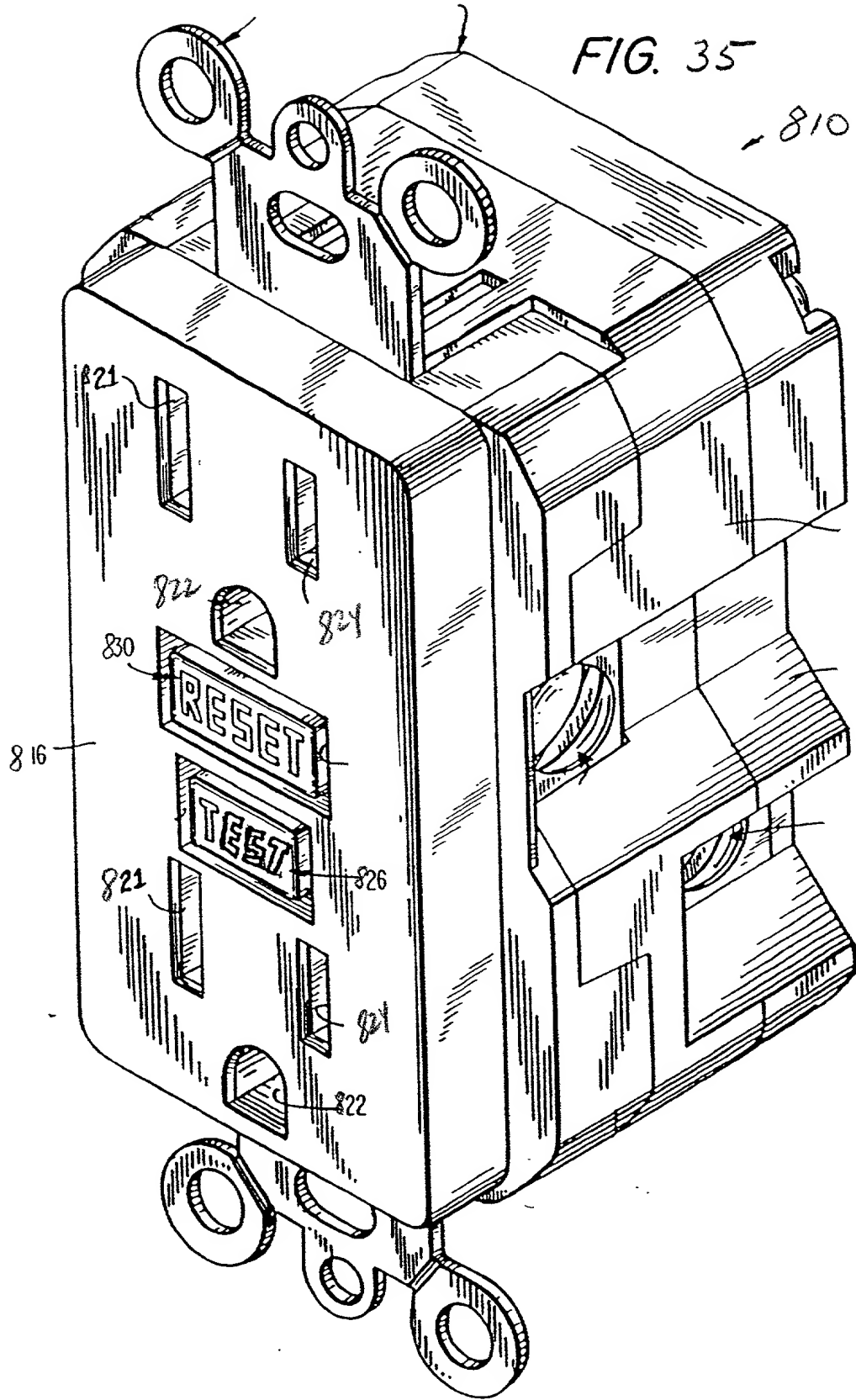


FIG. 34f

FIG. 35



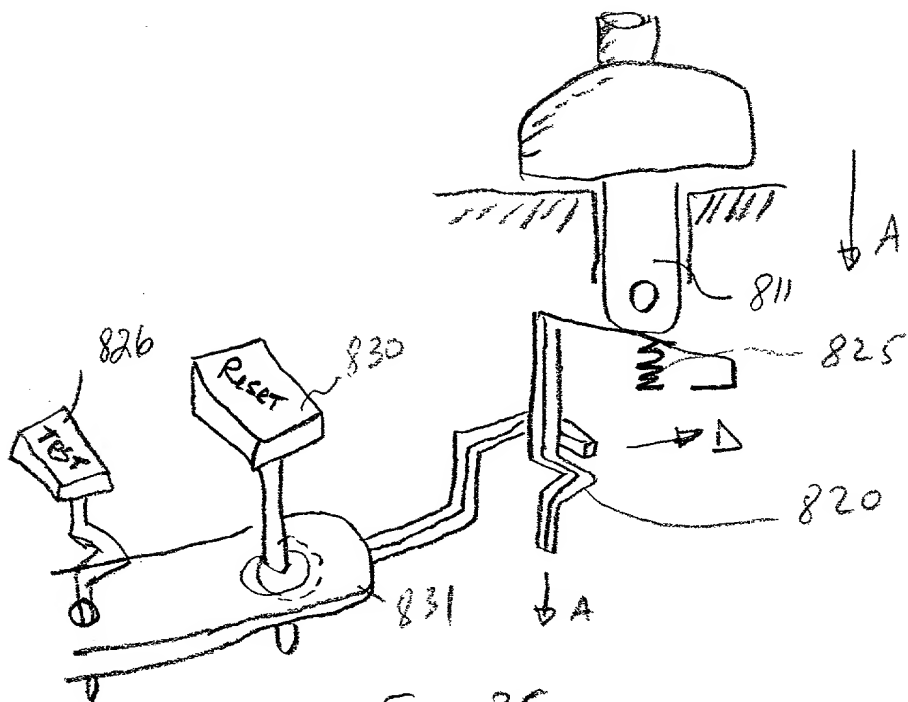


Fig 36a

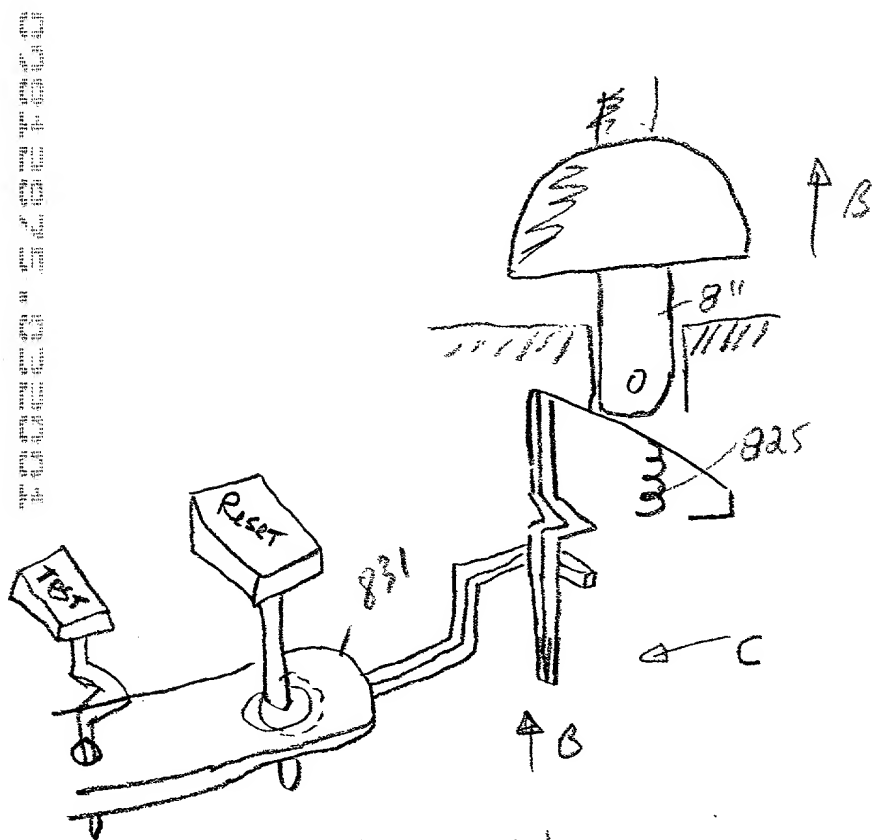


Fig. 36b

FIG. 37

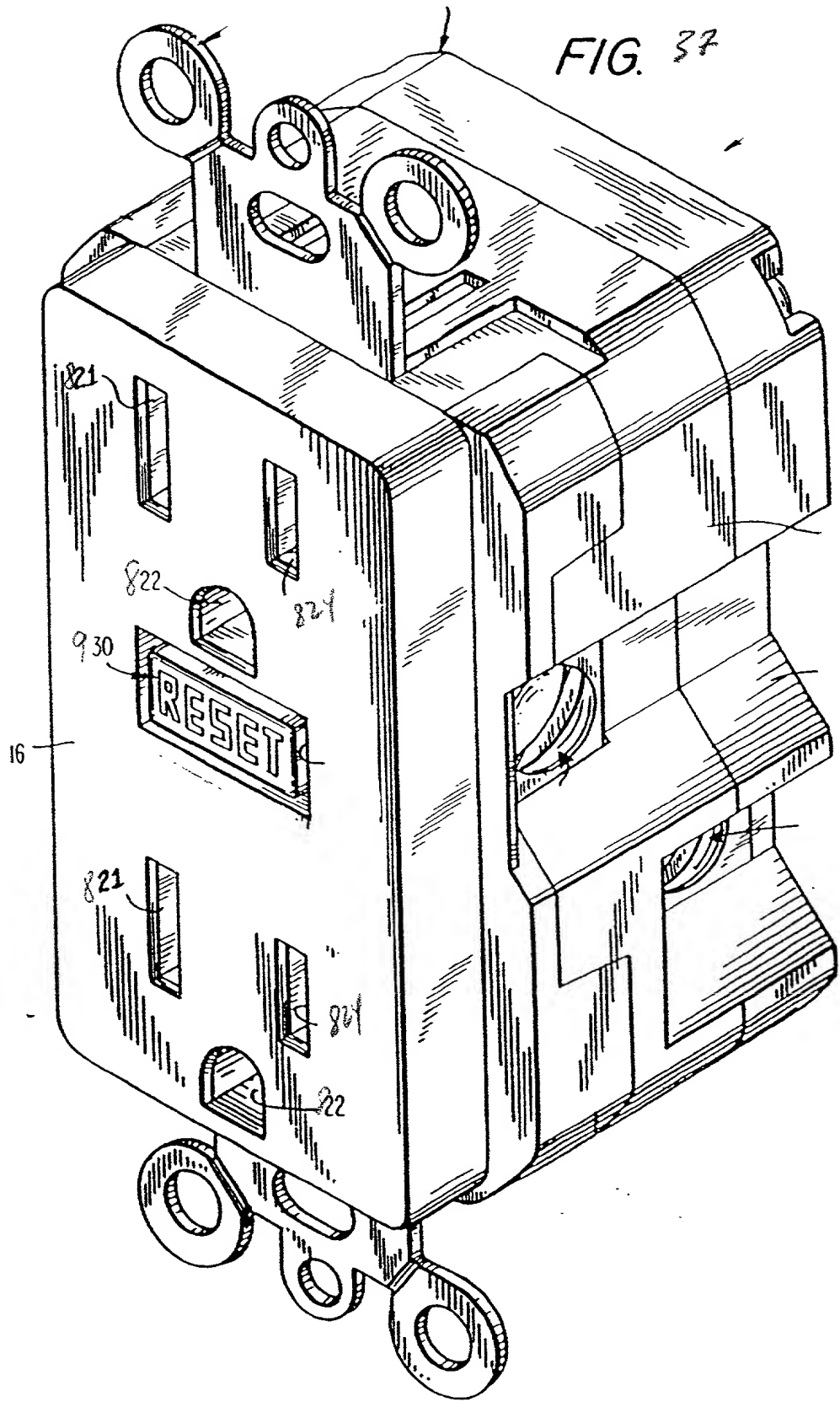


FIG. 37 is a perspective view of the device of FIG. 36, showing the front and side views. The device is a rectangular box with rounded corners. The front face has a "RESET" button (830) in the center. Above and below the button are two pairs of rectangular ports (821). To the right of the button is a semi-circular port (822). Below the button is another semi-circular port (22). The top of the device has three circular ports, and the bottom has three circular ports. The side of the device shows internal components and additional ports, including a semi-circular port (824).

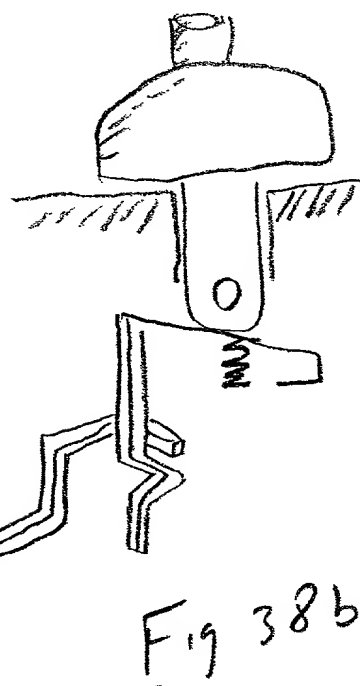
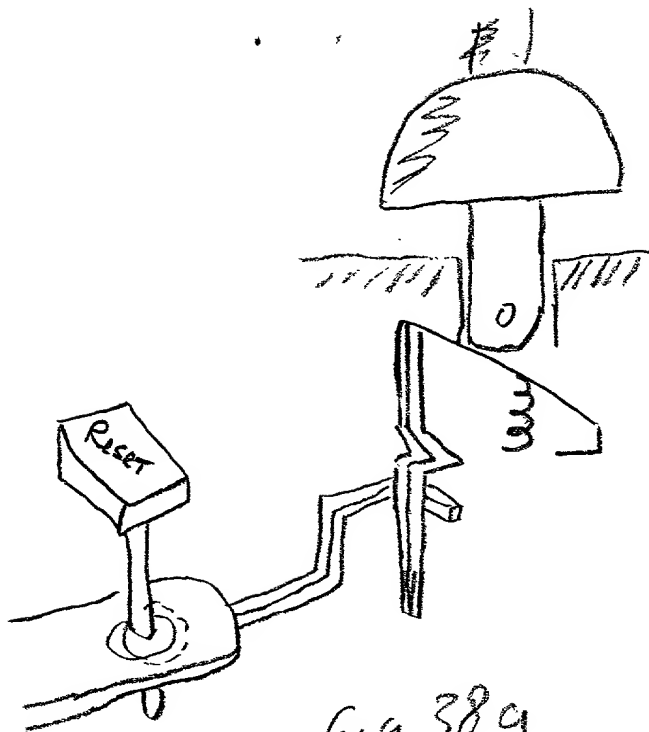
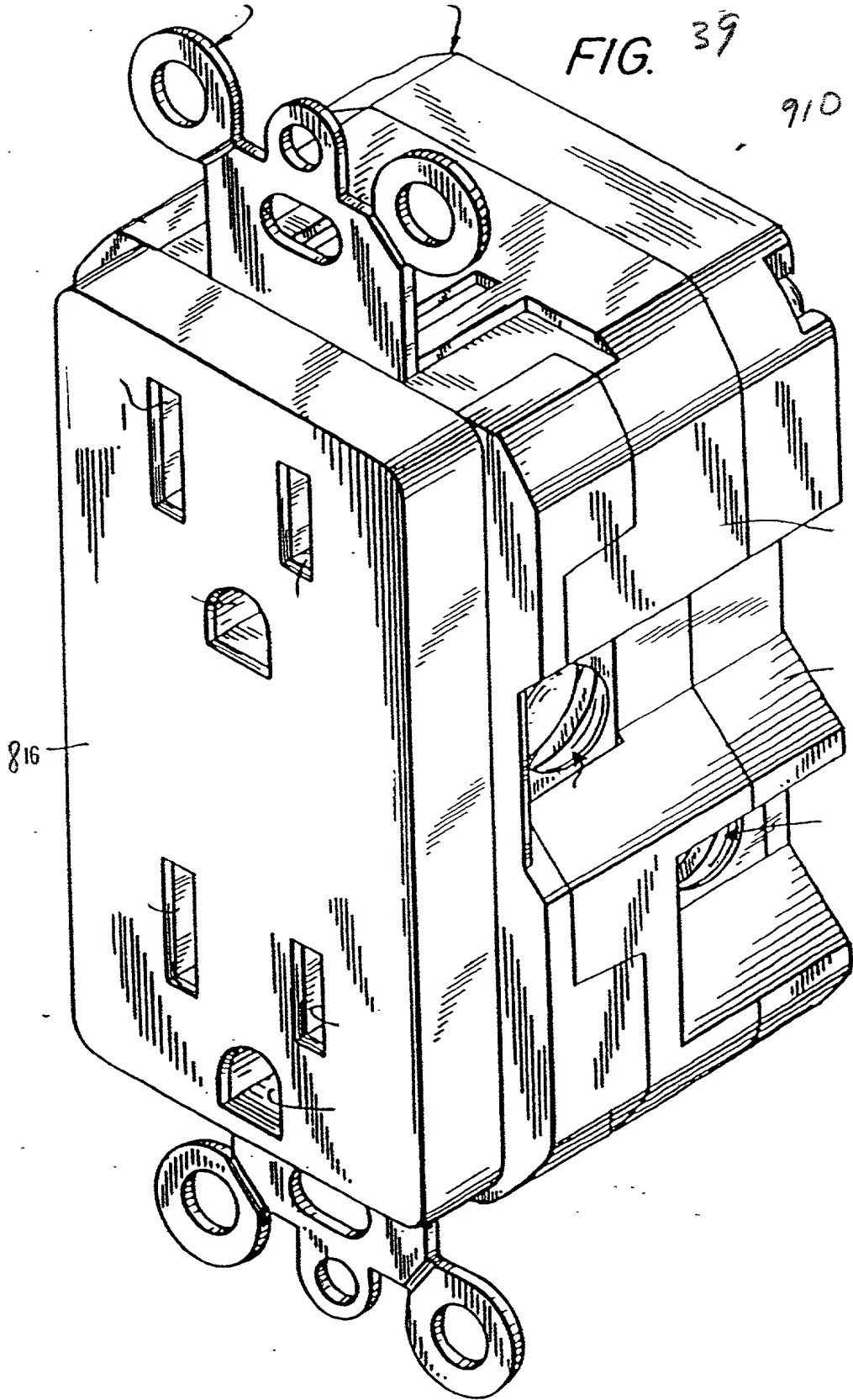


FIG. 39

910



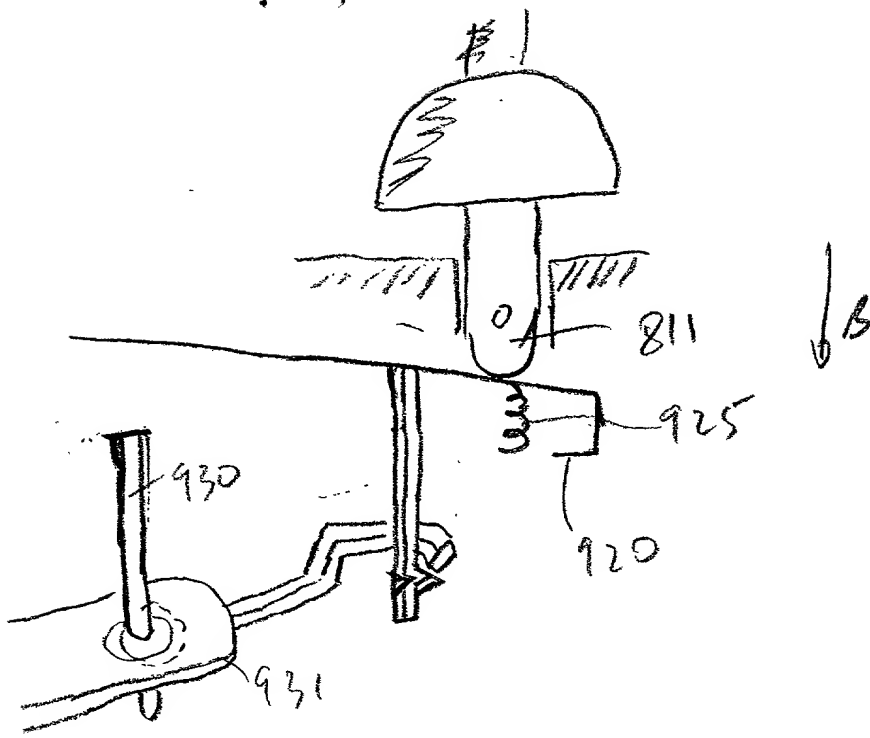


Fig. 40

FIG. 41

912

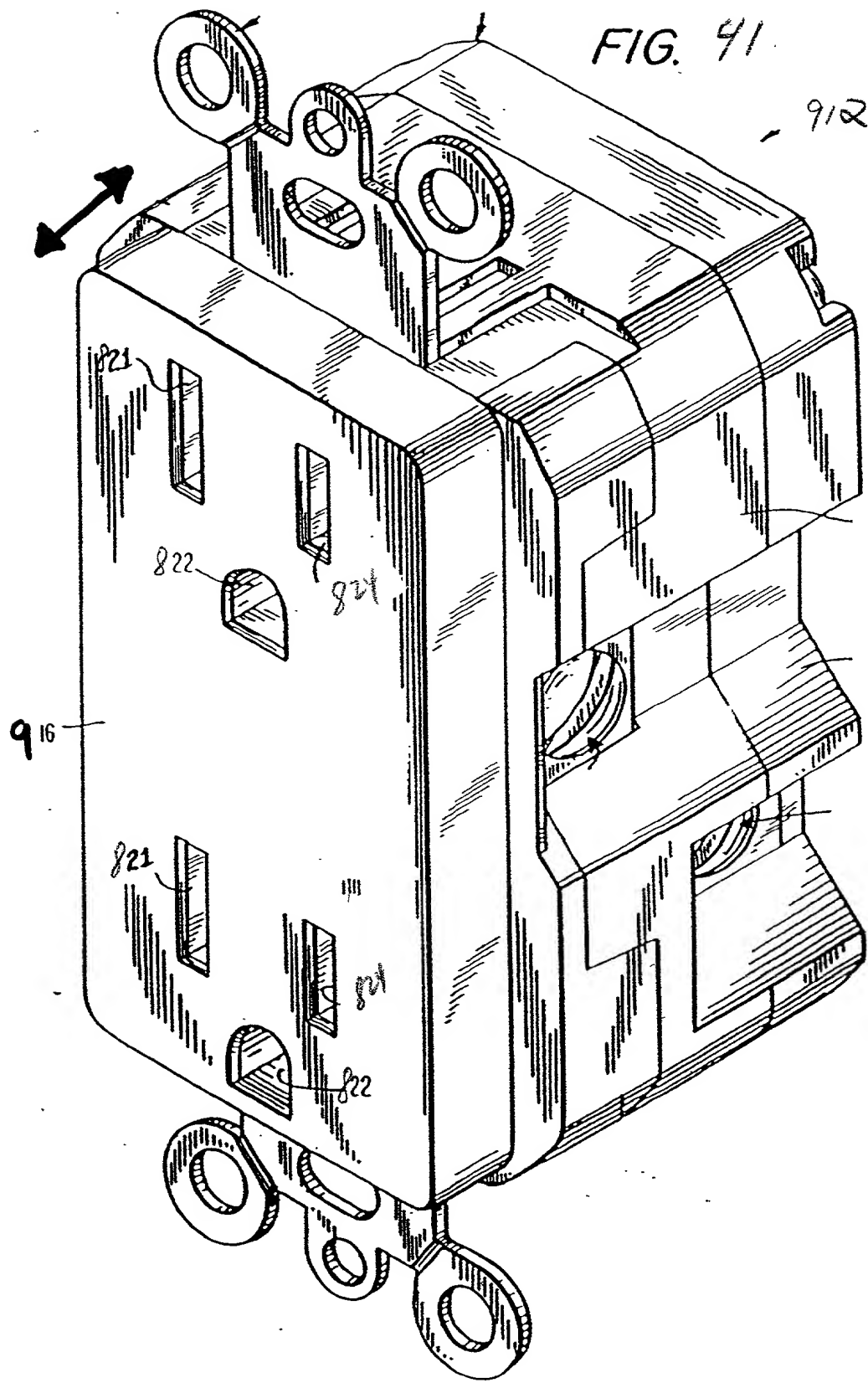


FIG. 41 is a perspective view of the assembly 912, showing the main body 916, the top mounting features, the front ports 821, the semi-circular features 822, and the side structure.